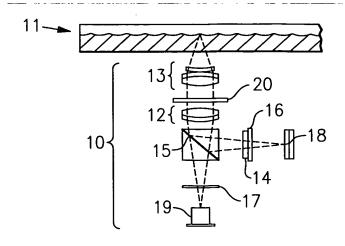
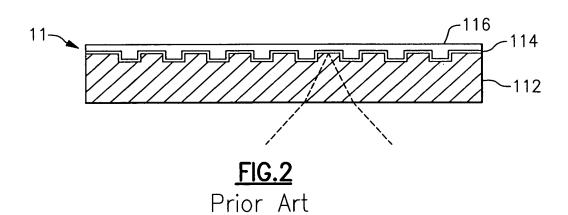
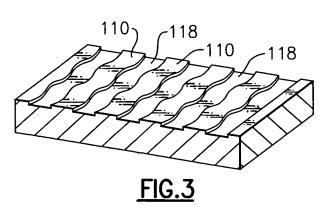
Title: OPTICAL DISC ANALYSIS SYSTEM INCLUDING RELATED METHODS FOR BIOLOGICAL AND MEDICAL IMAGING

Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1



<u>FIG.1</u> Prior Art



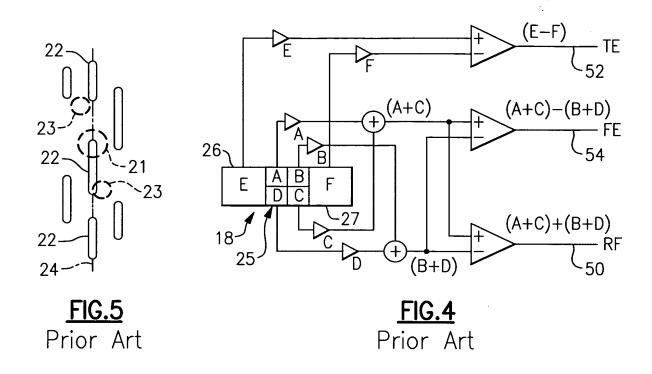


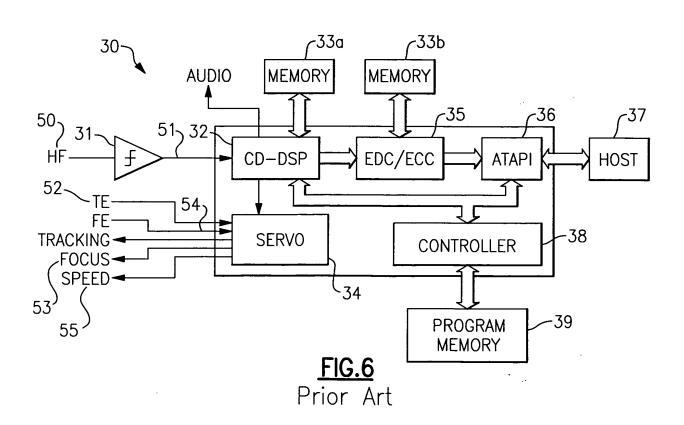
Prior Art

TITIE: OPTICAL DISC ANALYSIS SYSTEM INCLUDING RELATED METHODS FOR BIOLOGICAL AND MEDICAL IMAGING

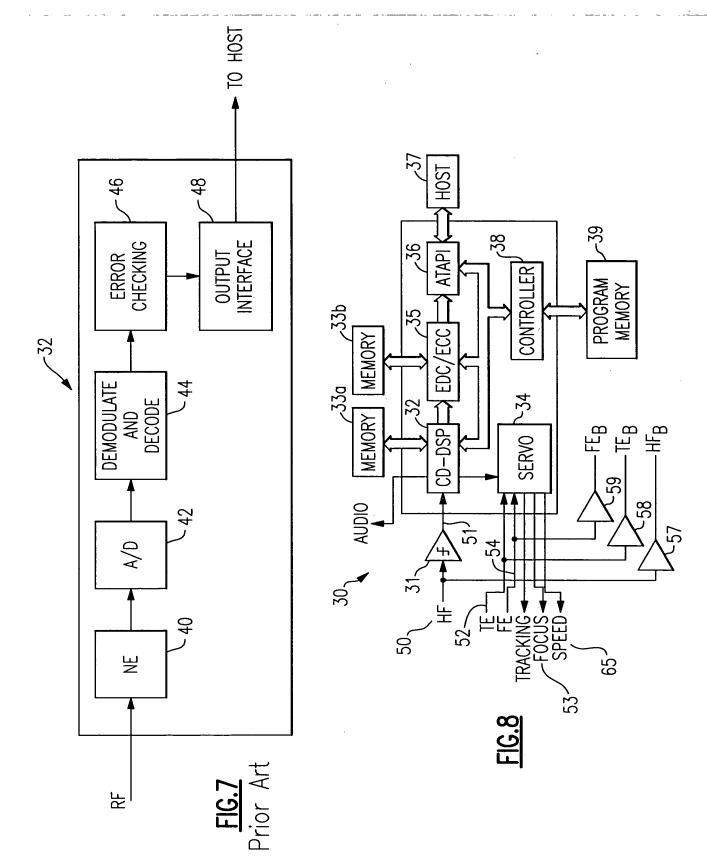
Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1

4



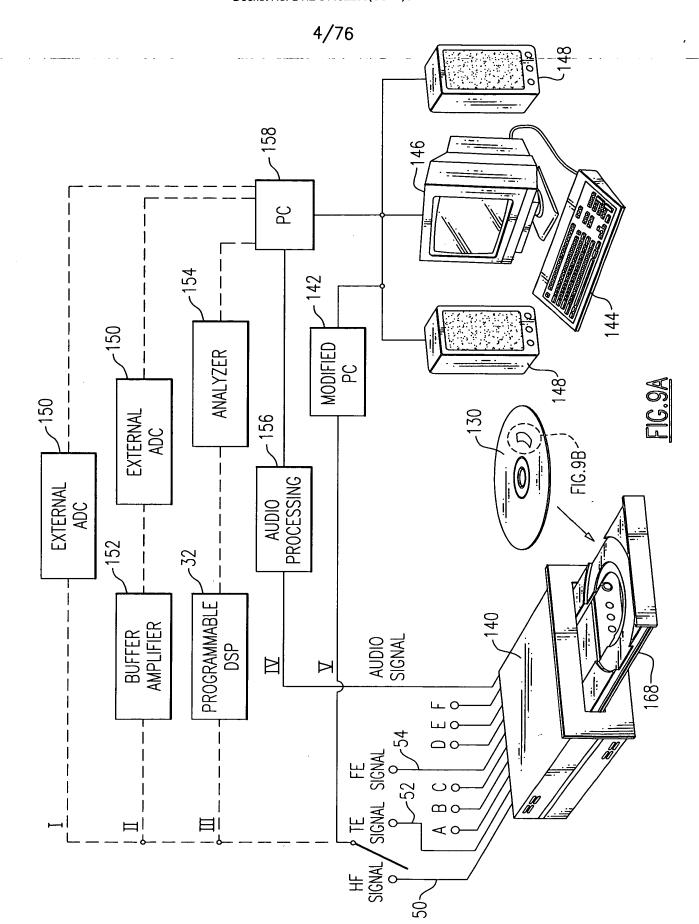


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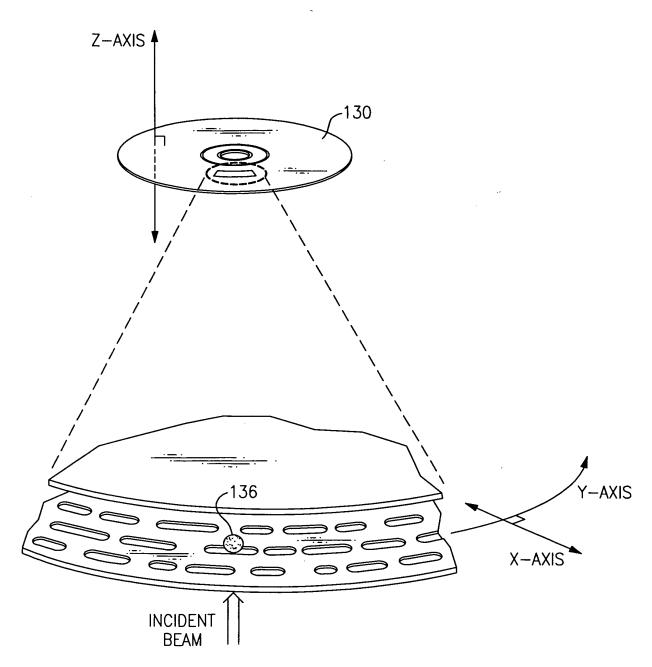
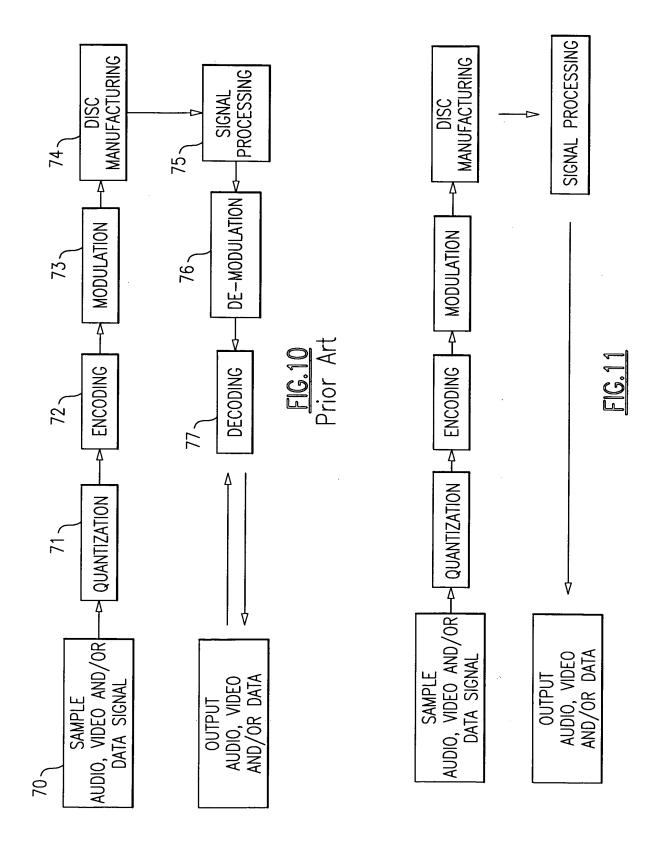


FIG.9B

The state of the s

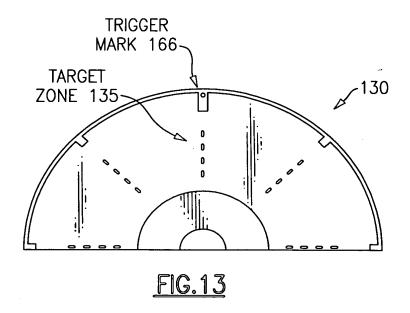
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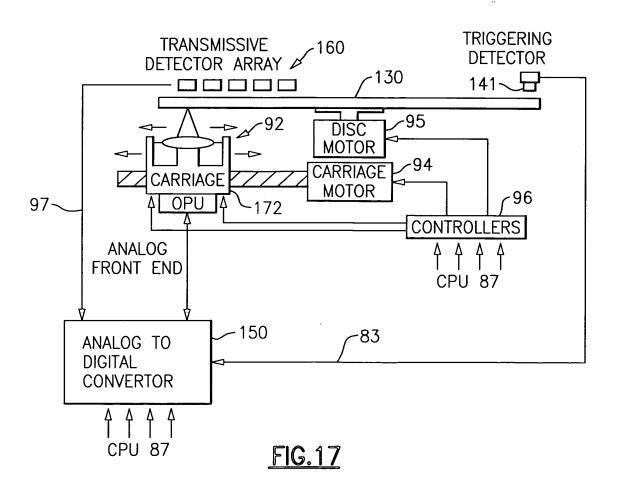


C

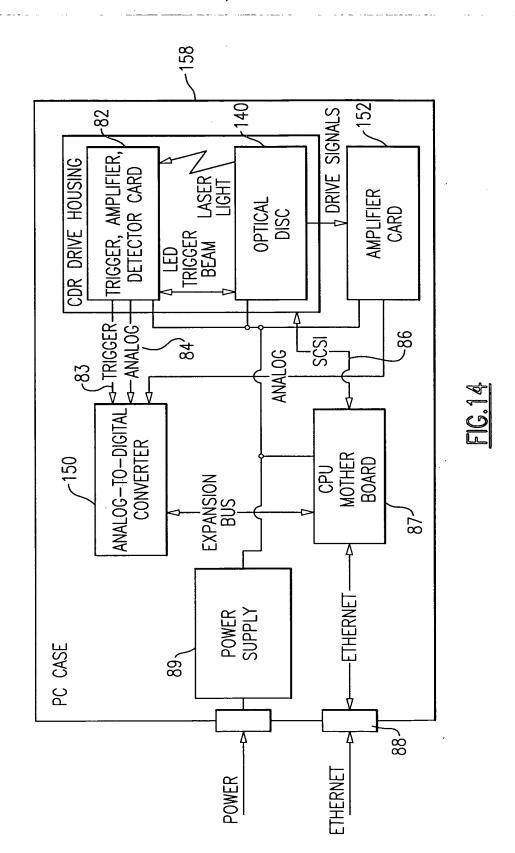
7/76 RESPONSE SOFTWARE 5 BUFFER CARD 52 TRIGGER CARD AC COUPLED HF Ш 164 DC COUPLED S DRIVE BUFFER ш $\overline{\Box}$ 166 $\overline{\mathbf{m}}$ A 151 136-162-146 96 130 -95 CONTROLLER 140 133-

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d.



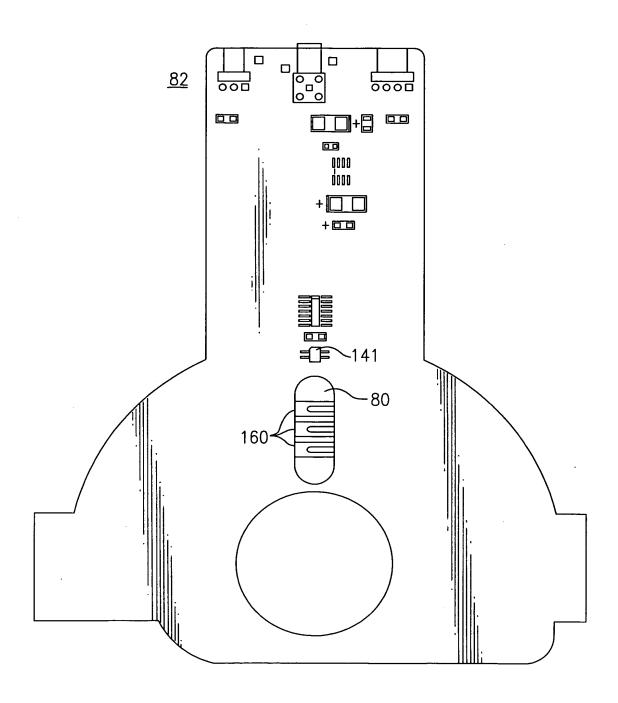
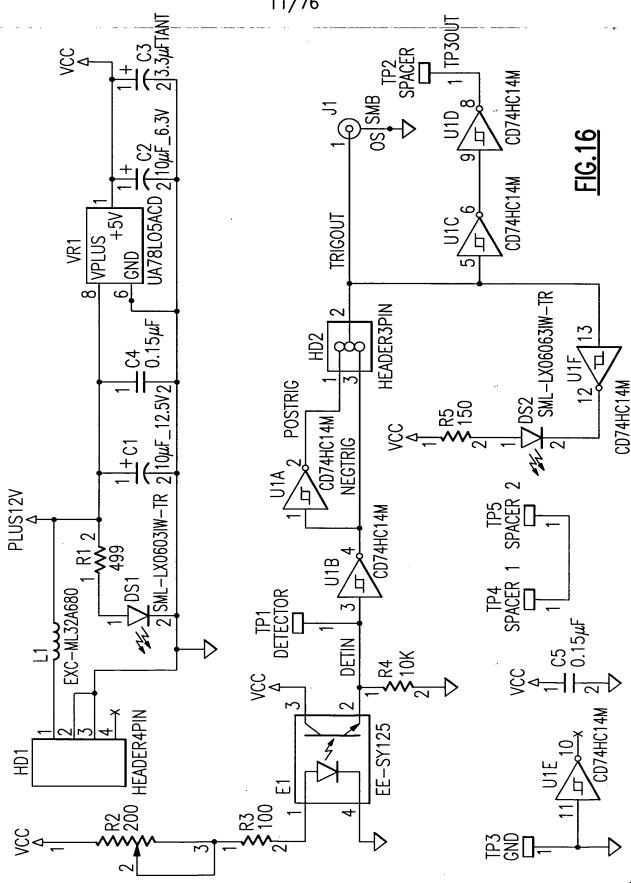


FIG.15

Title: OPTICAL DISC ANALYSIS SYSTEM INCLUDING RELATED METHODS FOR BIOLOGICAL AND MEDICAL IMAGING

Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1



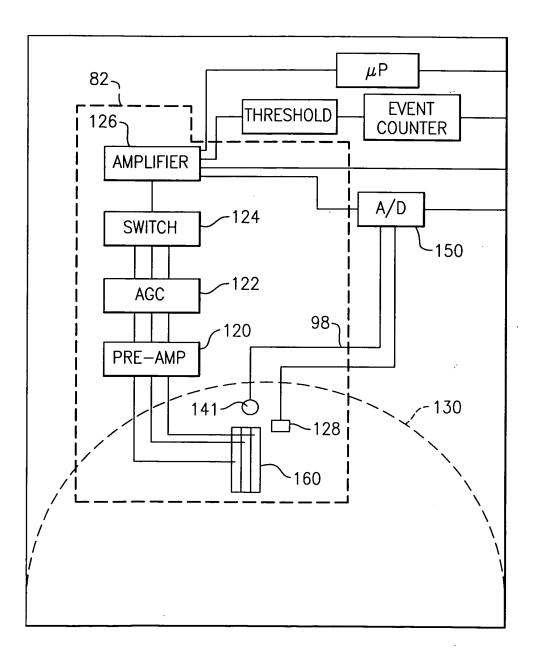
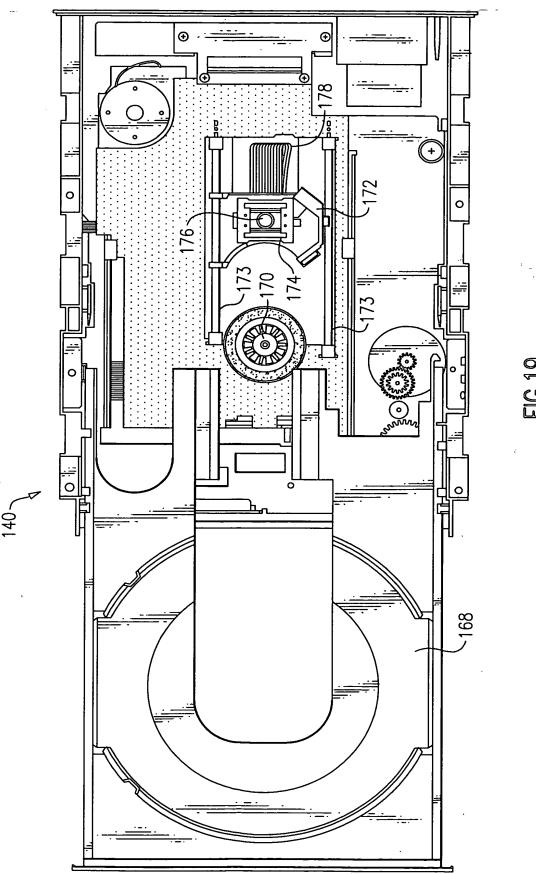


FIG.18



Title: OPTICAL DISC ANALYSIS SYSTEM INCLUDING RELATED METHODS FOR BIOLOGICAL AND MEDICAL IMAGING

Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1

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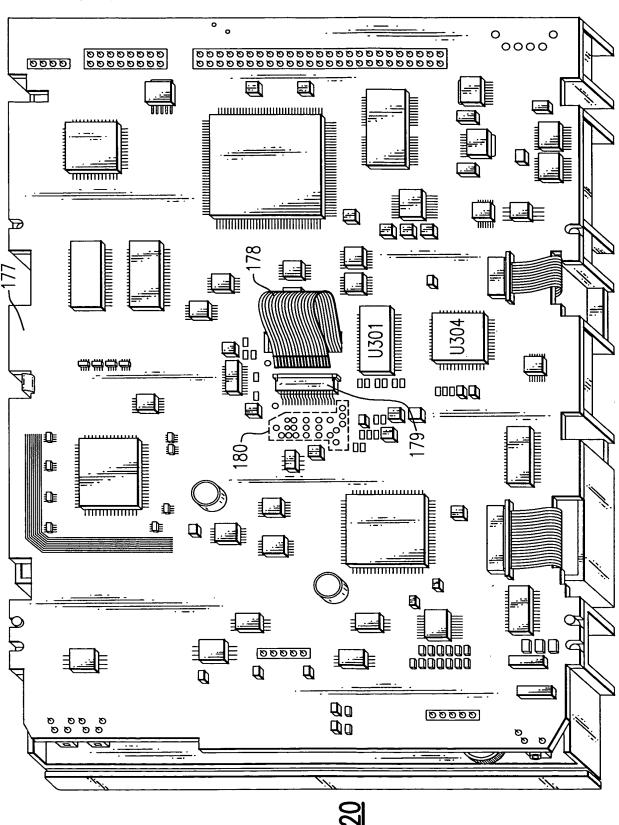
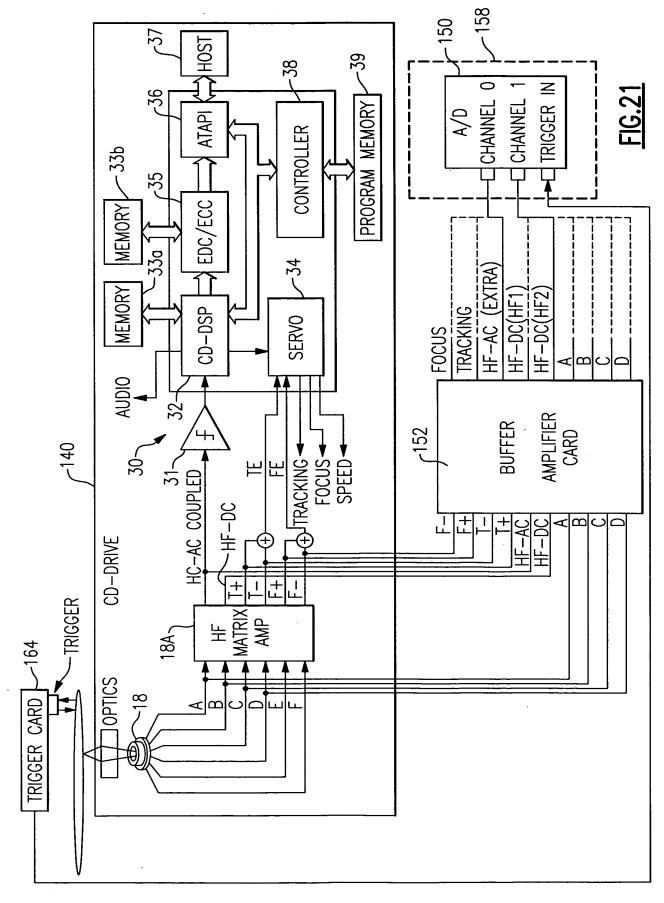


FIG. 20

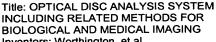
Title: OPTICAL DISC ANALYSIS SYSTEM INCLUDING RELATED METHODS FOR BIOLOGICAL AND MEDICAL IMAGING

Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1









Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1

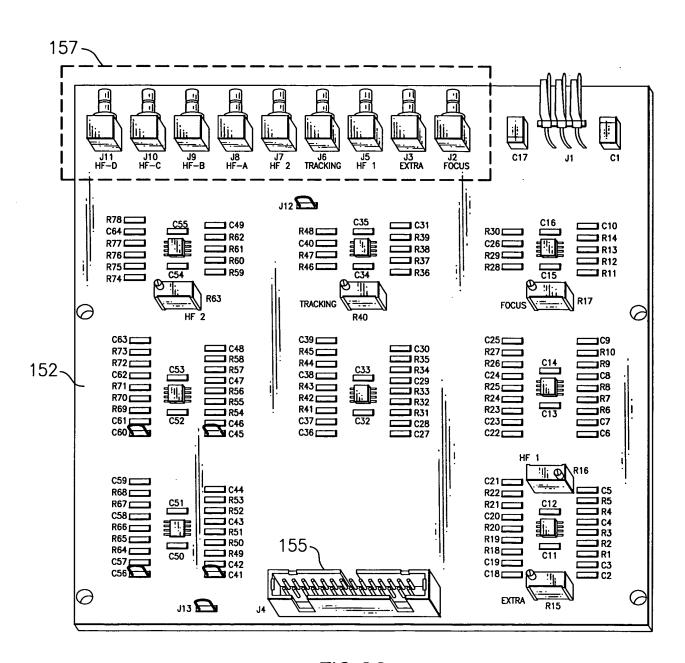
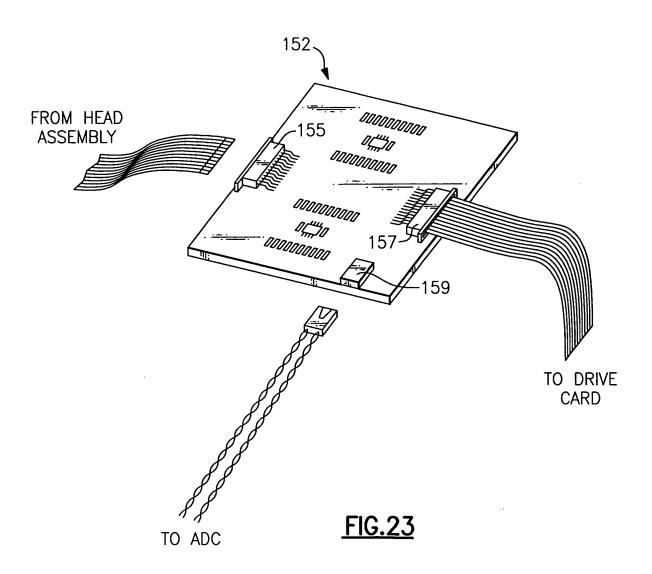
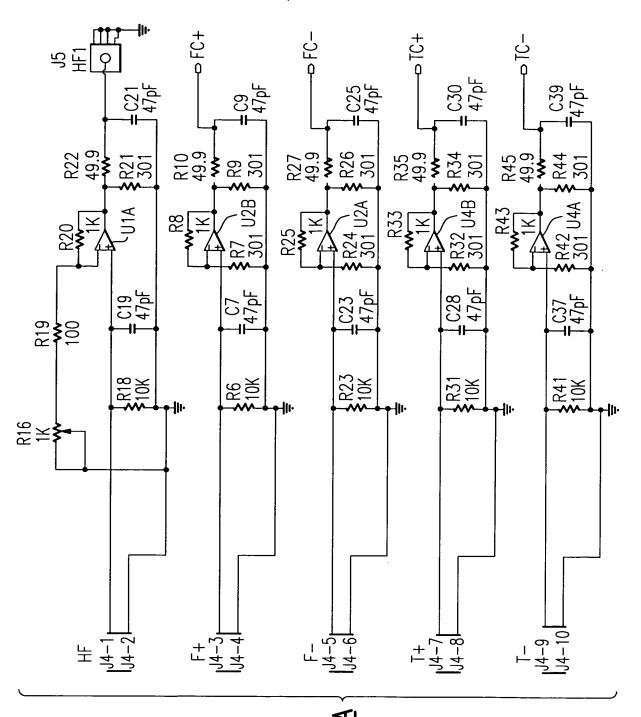
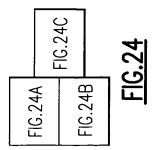


FIG.22







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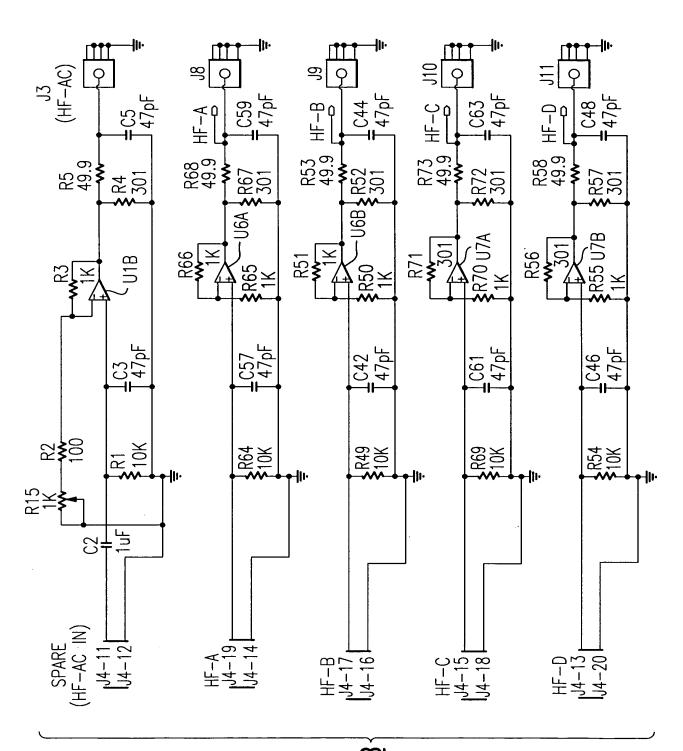
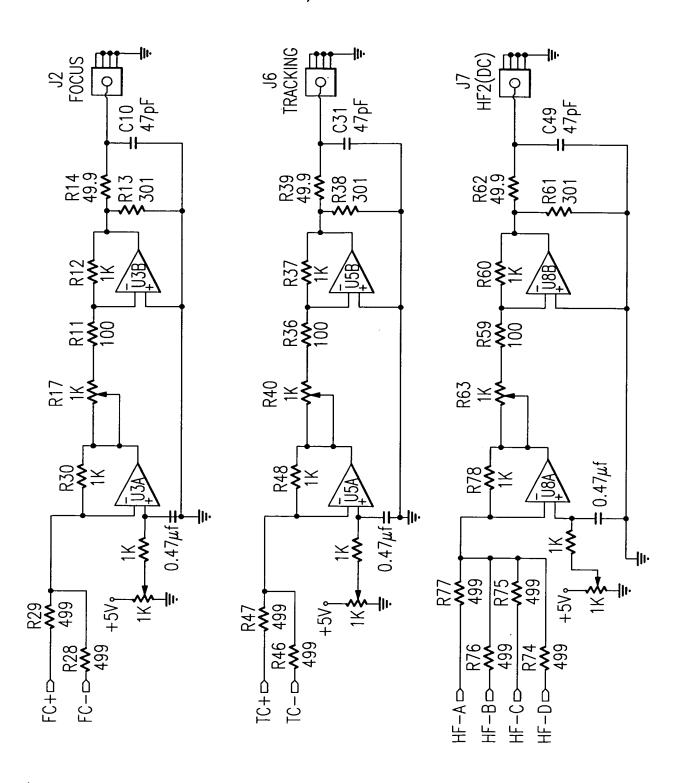
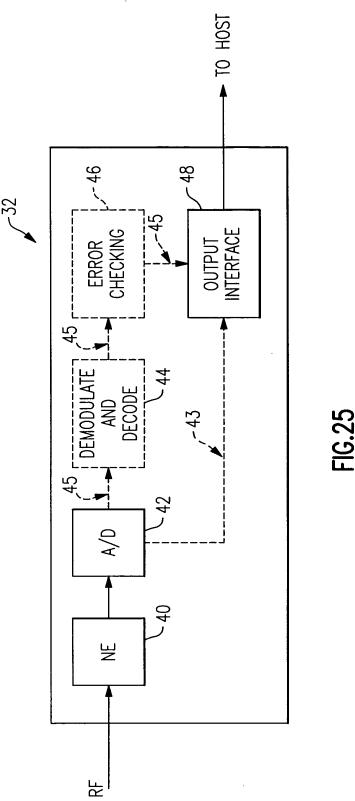
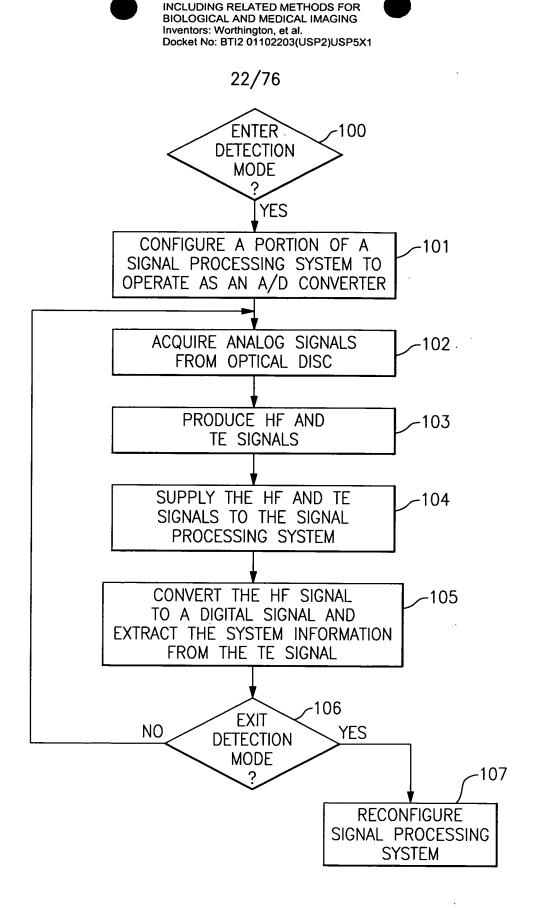


FIG.24E



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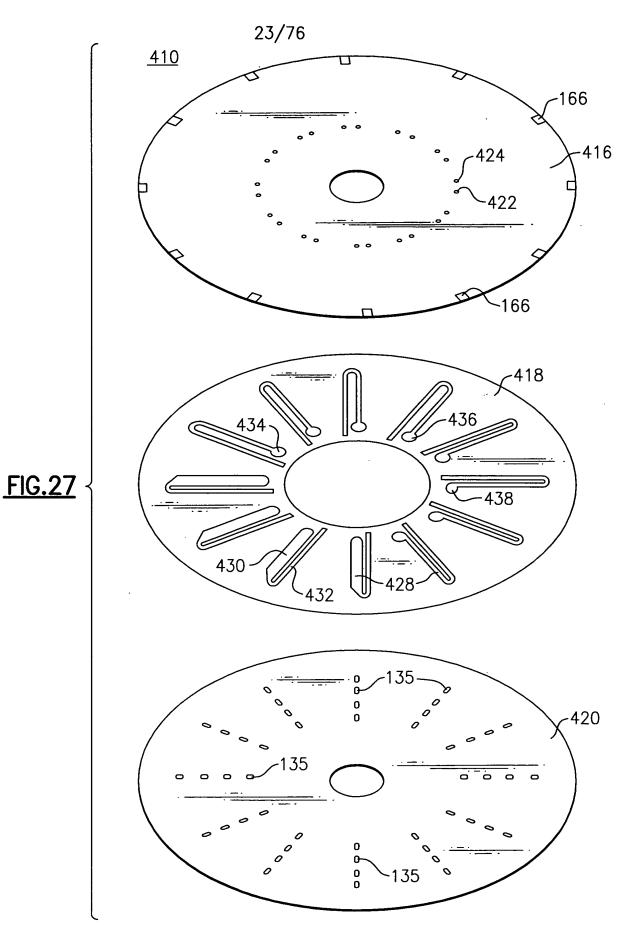




Title: OPTICAL DISC ANALYSIS SYSTEM

FIG.26









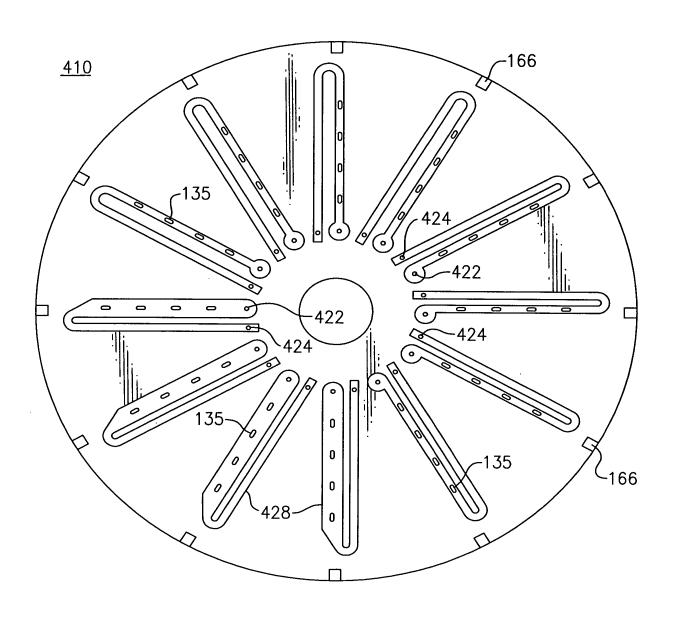
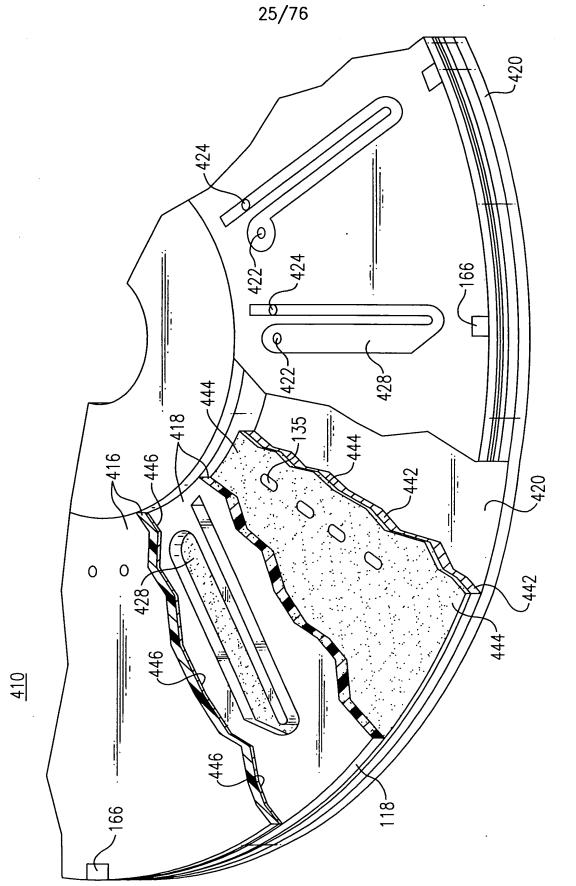
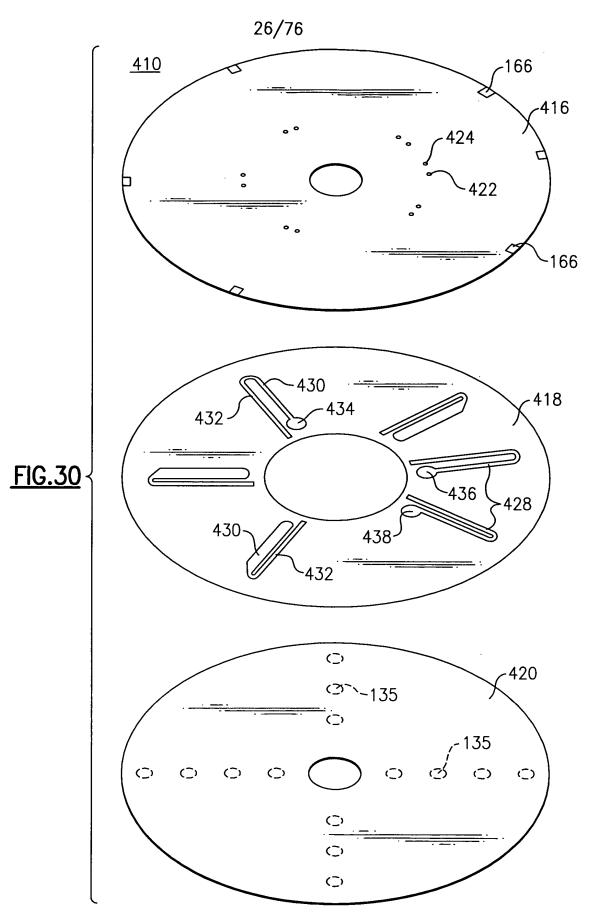


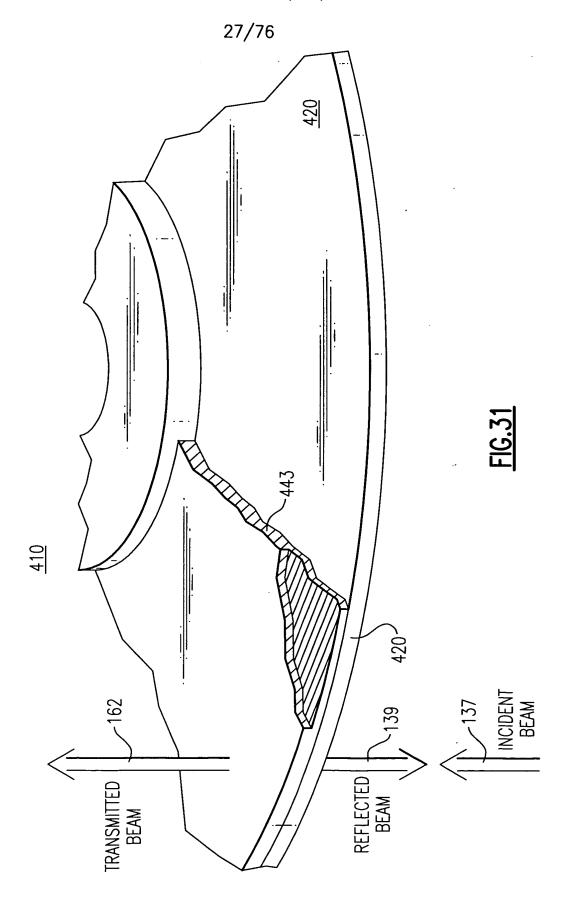
FIG.28

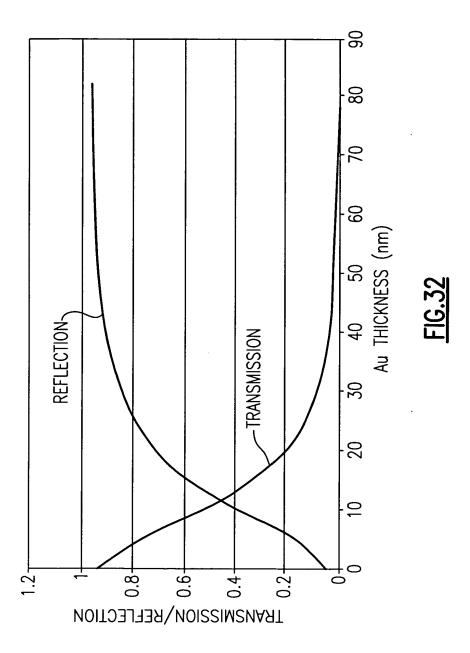














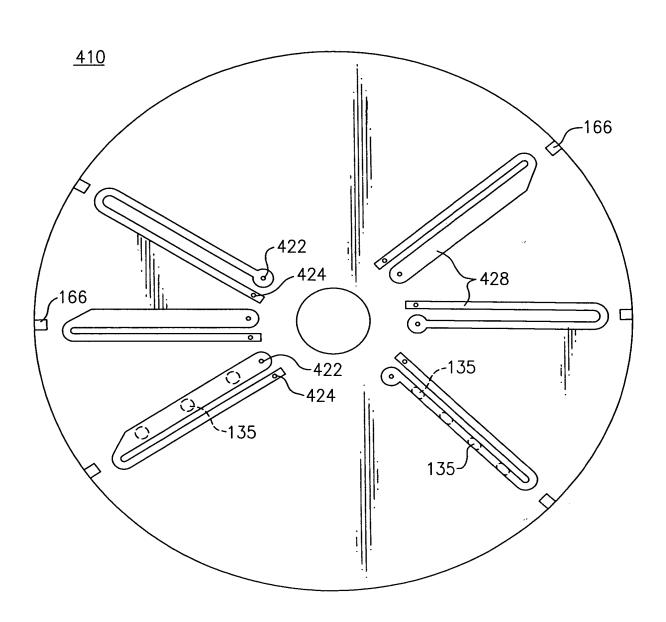
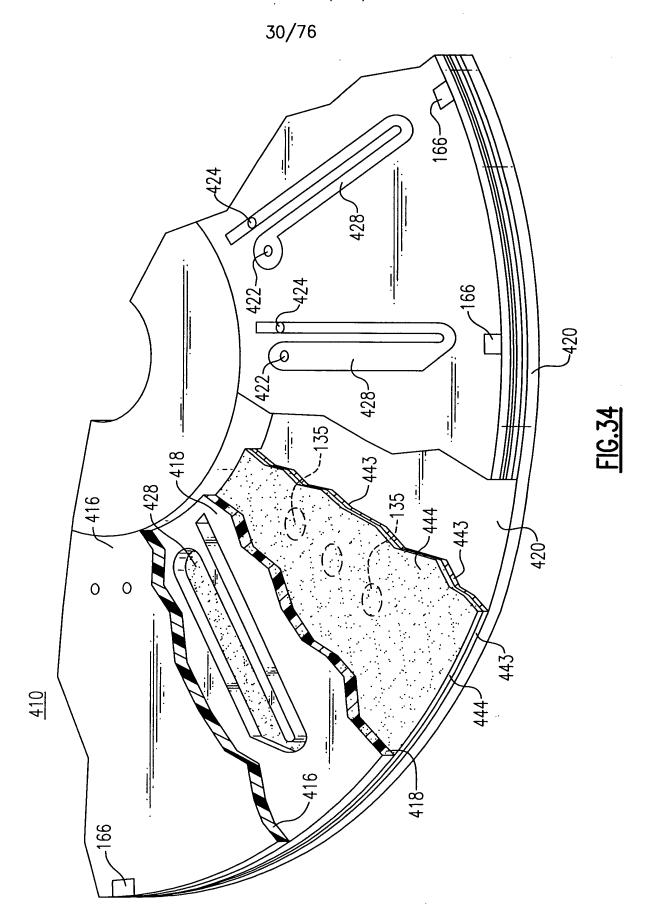


FIG.33



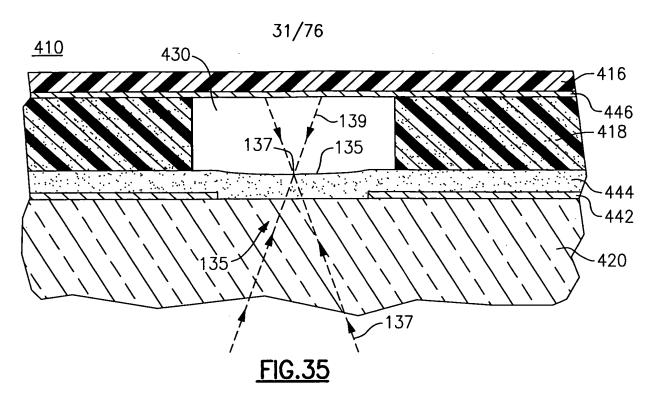


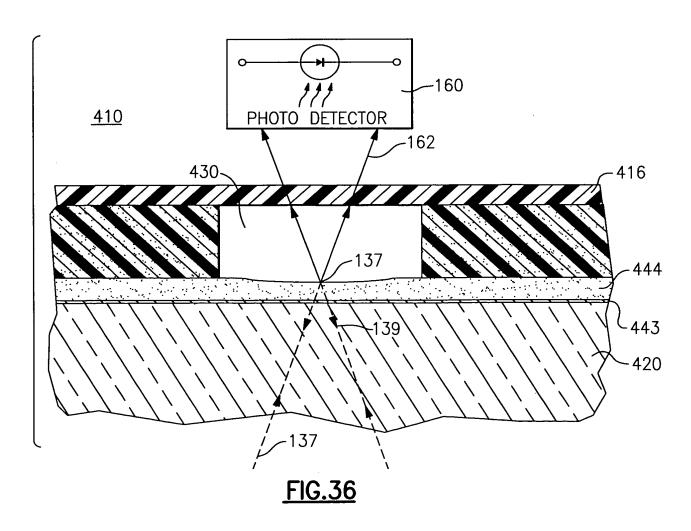


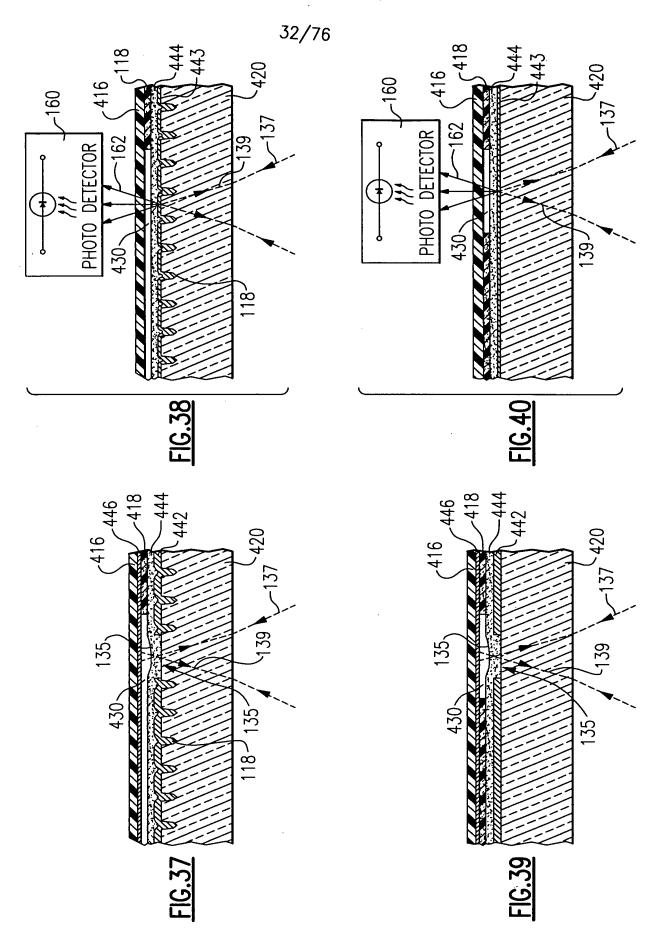
TITIE: OPTICAL DISC ANALYSIS SYSTEM INCLUDING RELATED METHODS FOR BIOLOGICAL AND MEDICAL IMAGING

Inventors: Worthington, et al.

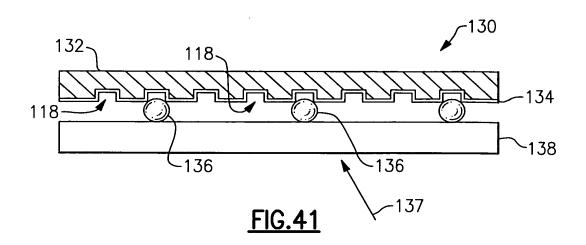
Docket No: BTI2 01102203(USP2)USP5X1







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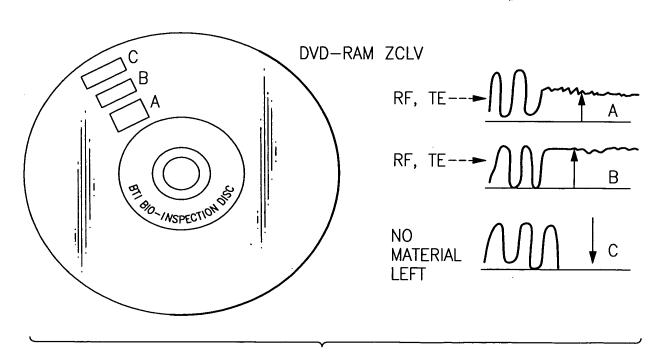
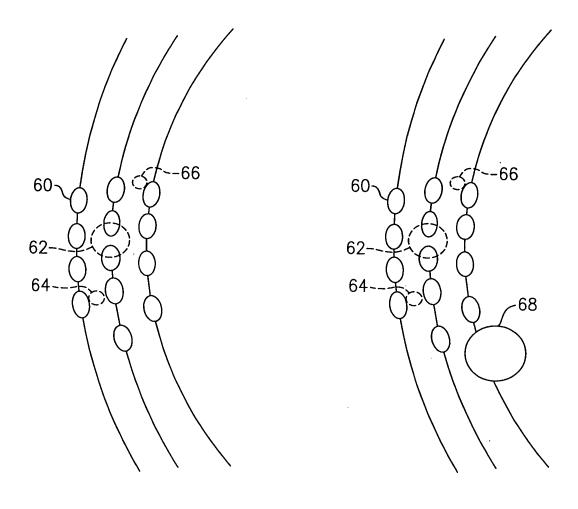


FIG.50



<u>FIG.42</u> Prior Art

FIG.43

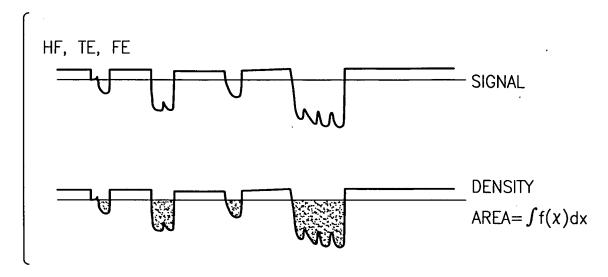
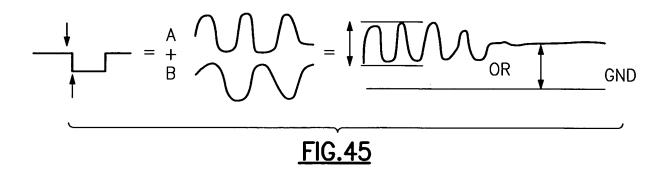


FIG.44



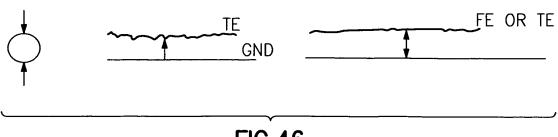
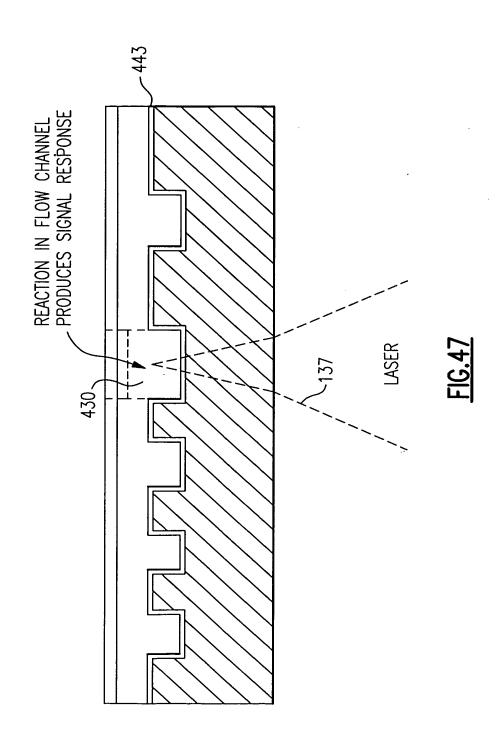
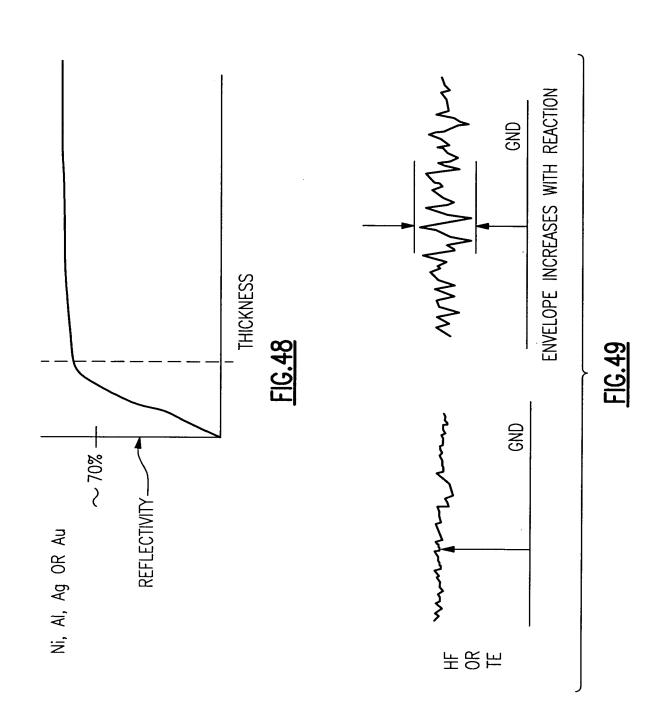
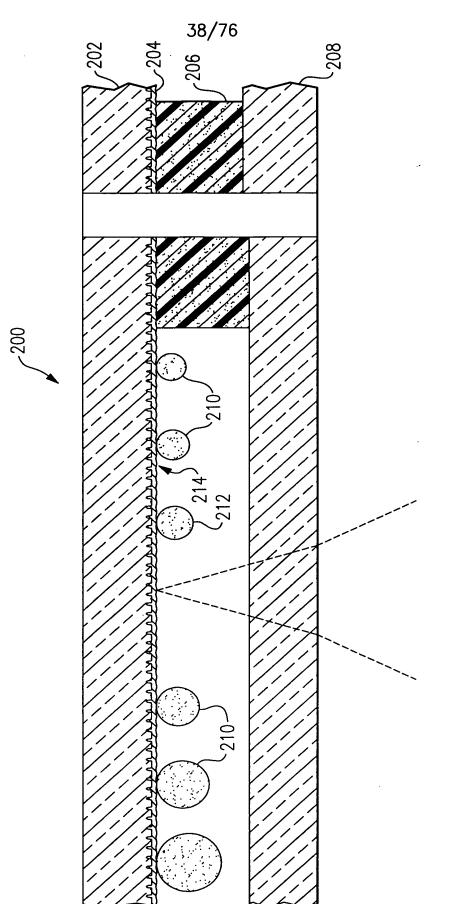


FIG.46

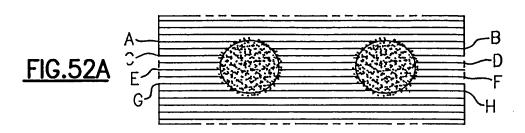








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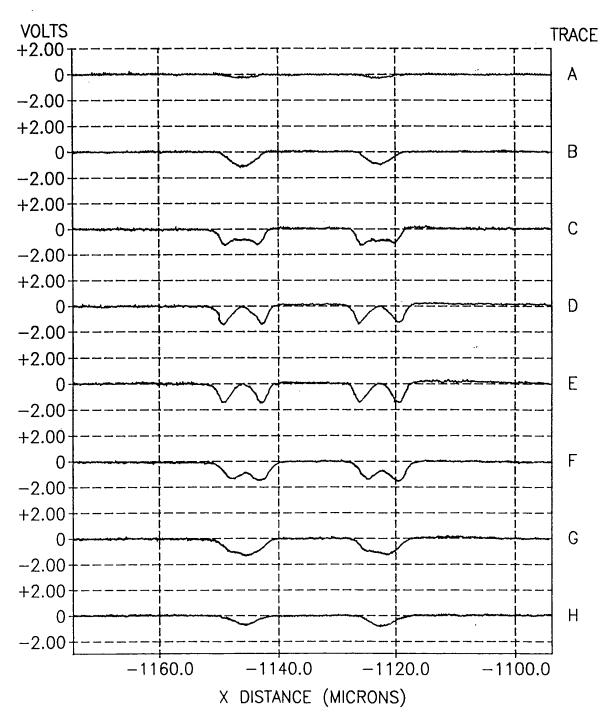
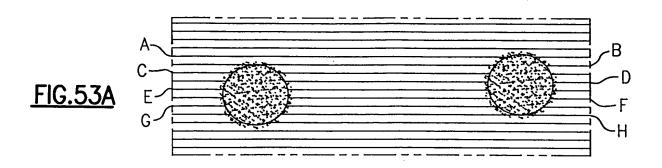


FIG.52B

Title: OPTICAL DISC ANALYSIS SYSTEM INCLUDING RELATED METHODS FOR BIOLOGICAL AND MEDICAL IMAGING INVOLUTION AND ALL IMAGING INVOL

Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1



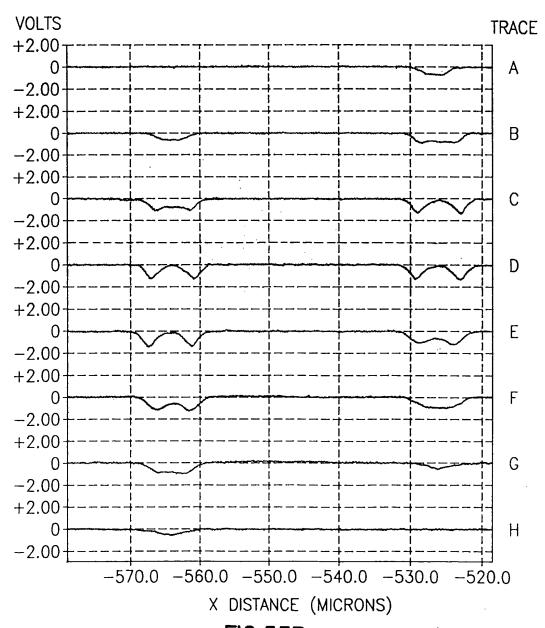
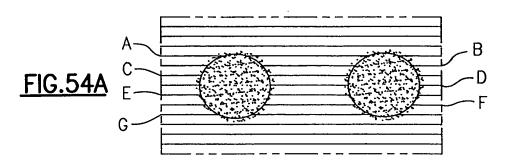


FIG.53B

Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1

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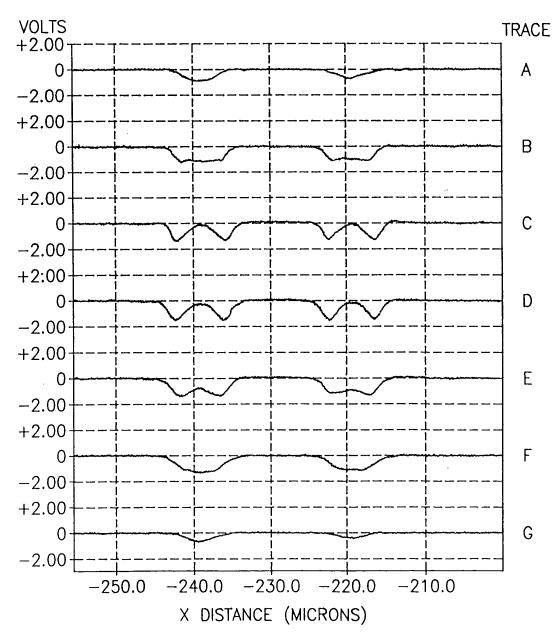
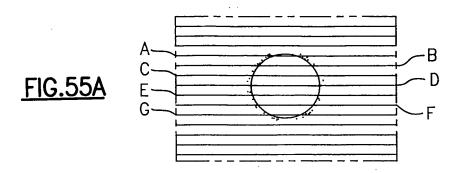


FIG.54B

Inventors: Worthington, et al.
Docket No: BTI2 01102203(USP2)USP5X1



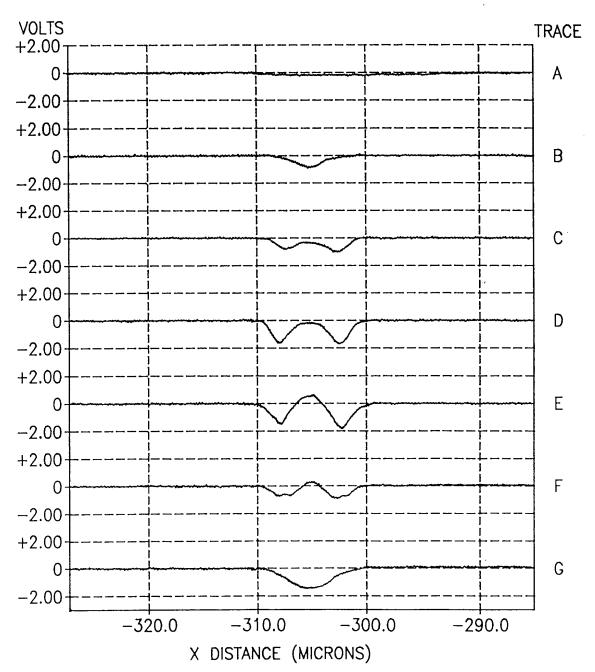
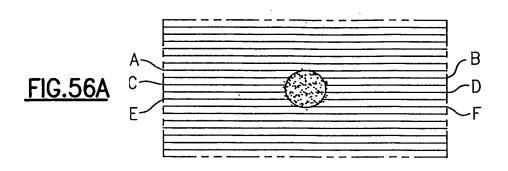


FIG.55B

Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1



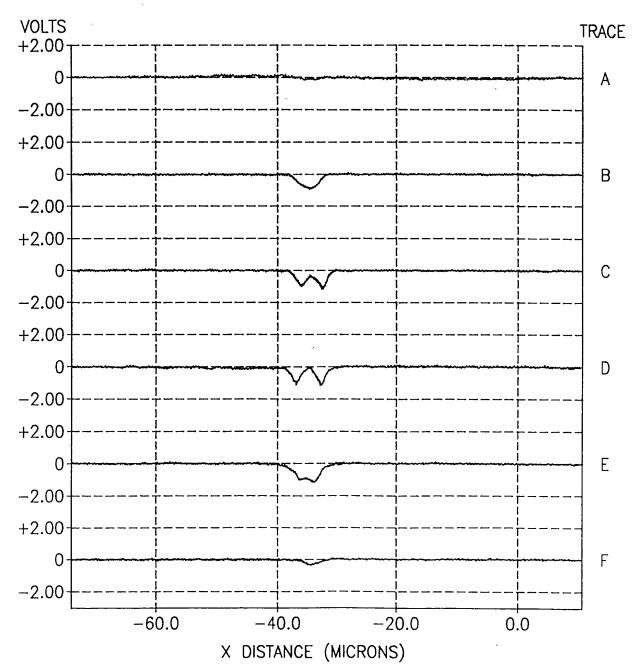
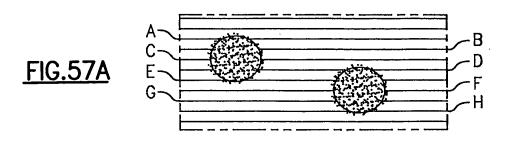


FIG.56B

Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1



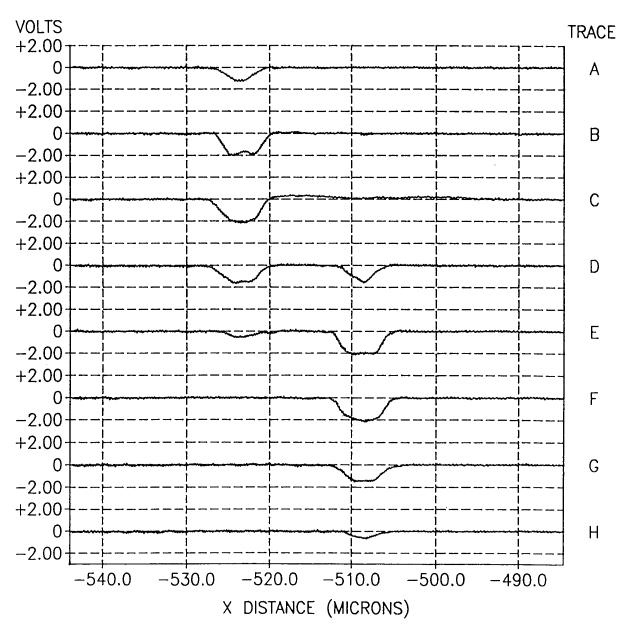
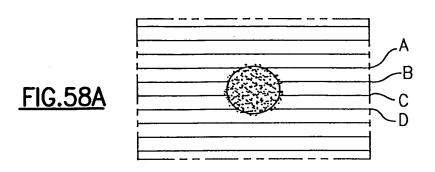


FIG.57B



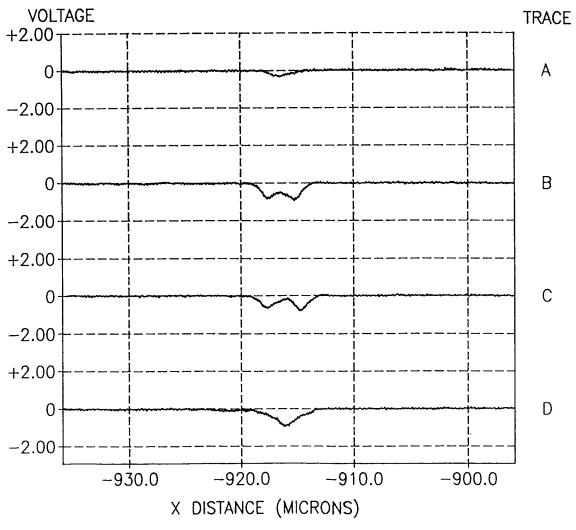
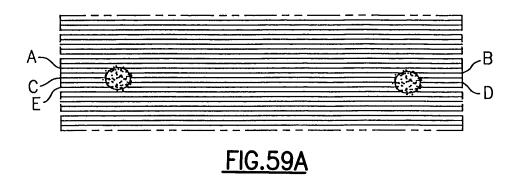
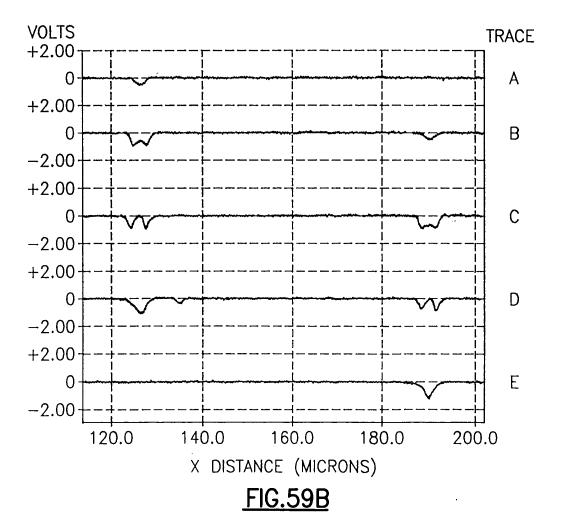


FIG.58B







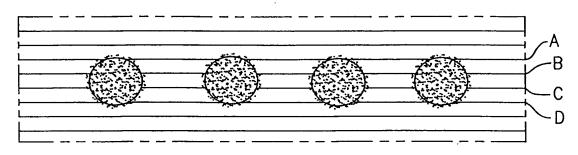


FIG.60A

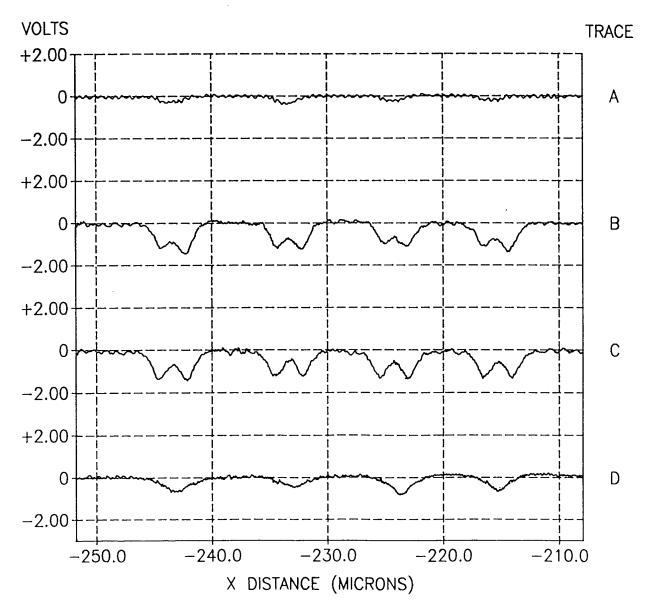
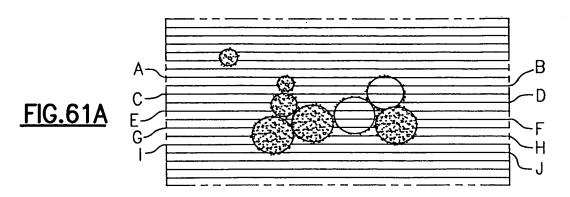
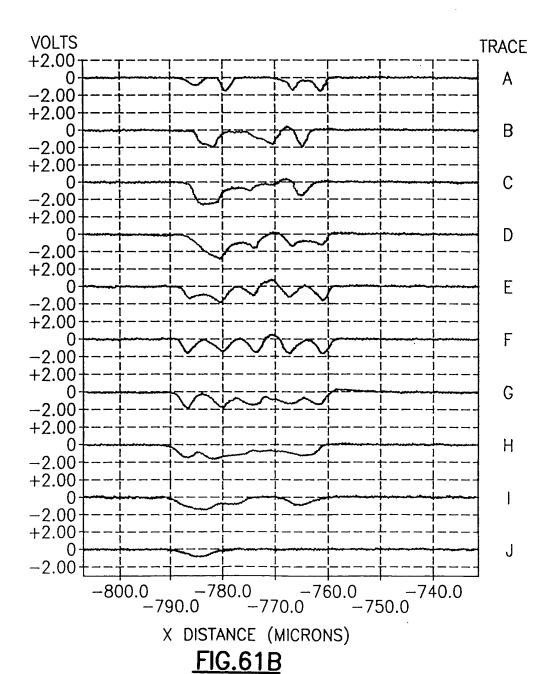
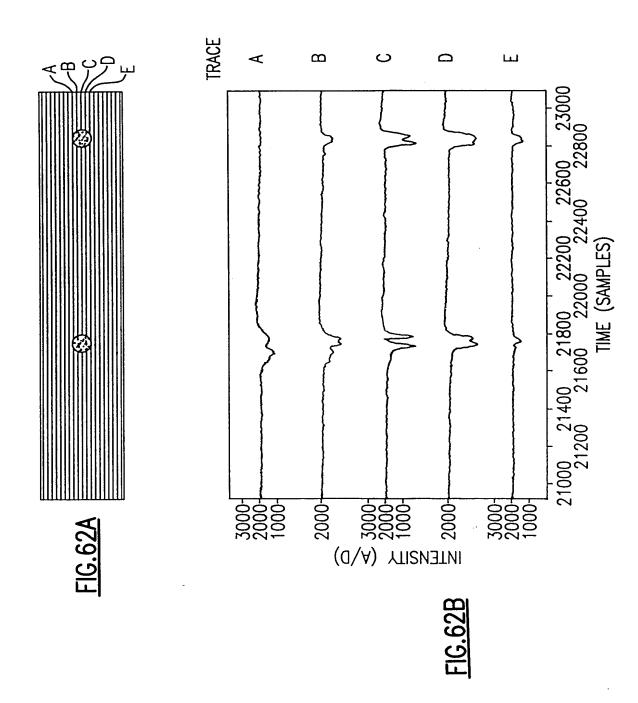
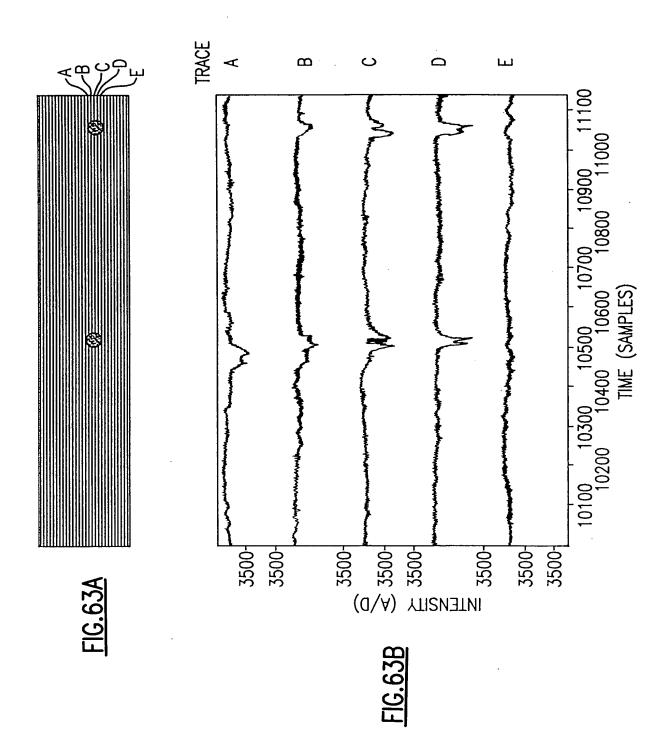


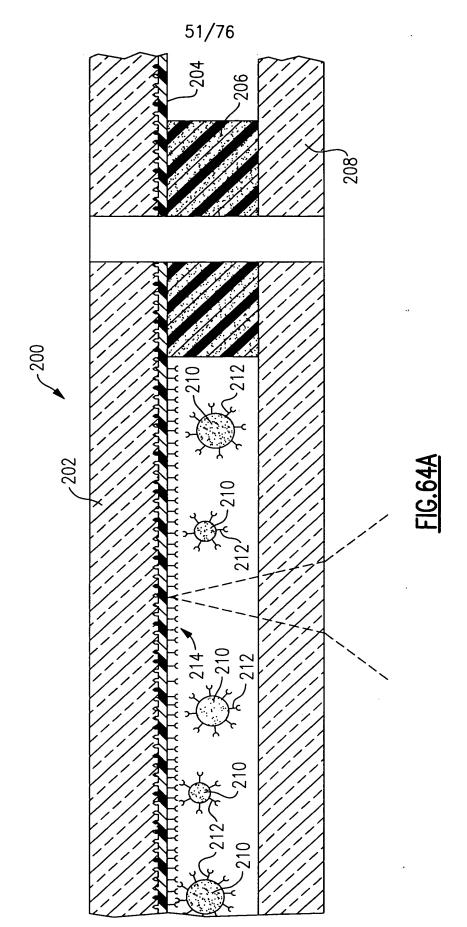
FIG.60B

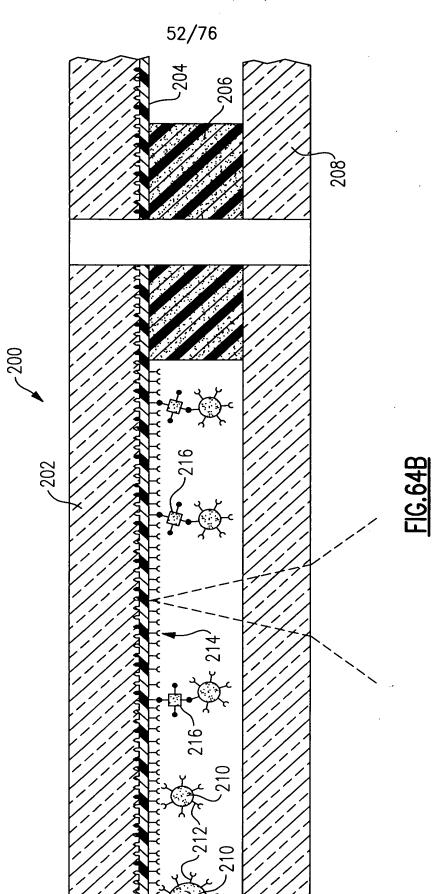






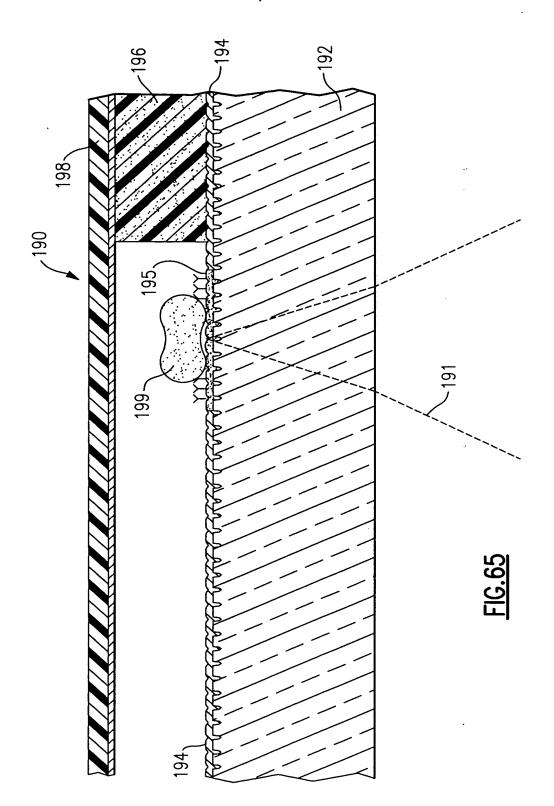




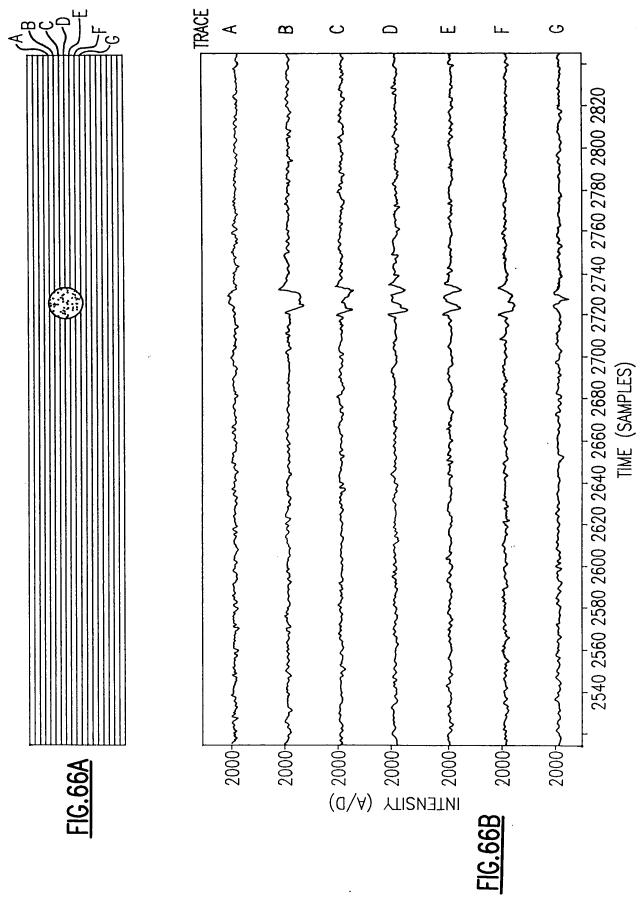




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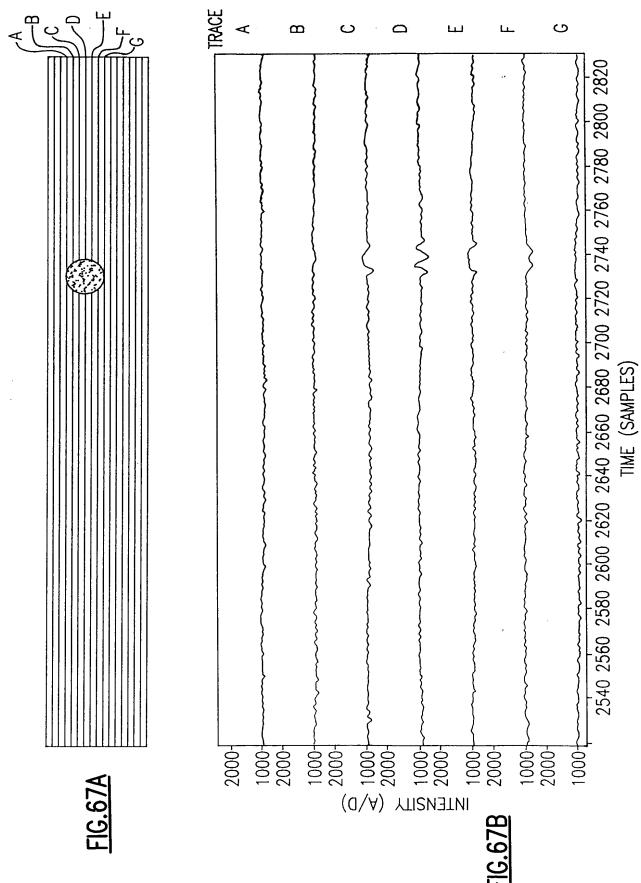


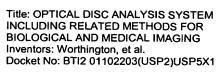


Title: OPTICAL DISC ANALYSIS SYSTEM INCLUDING RELATED METHODS FOR BIOLOGICAL AND MEDICAL IMAGING Inventors: Worthington, et al.

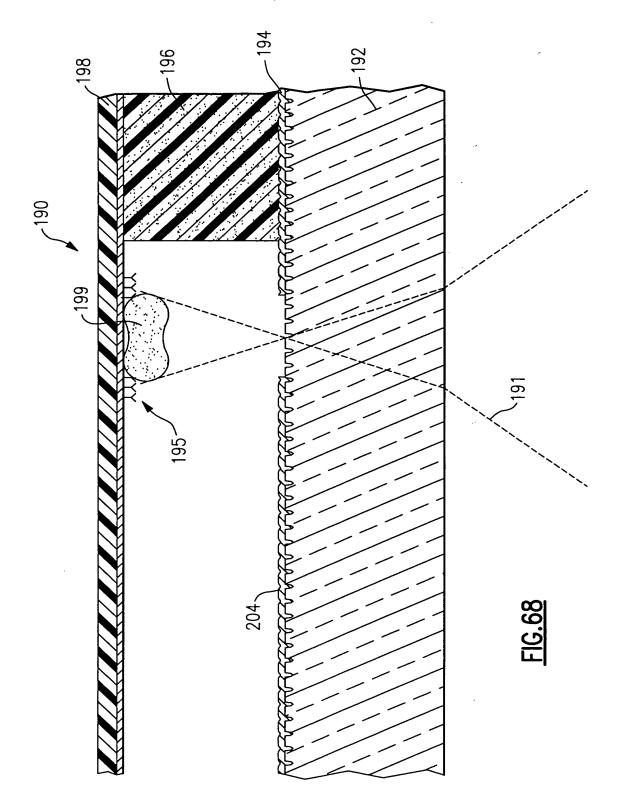
Docket No: BTI2 01102203(USP2)USP5X1



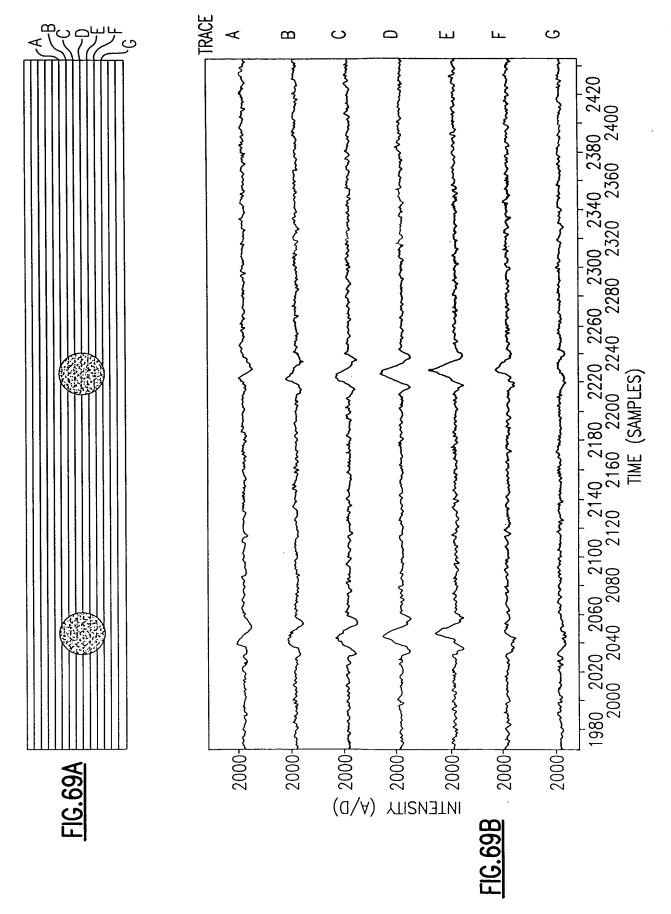








Inventors: Worthington, et al. Docket No: BTI2 01102203(USP2)USP5X1

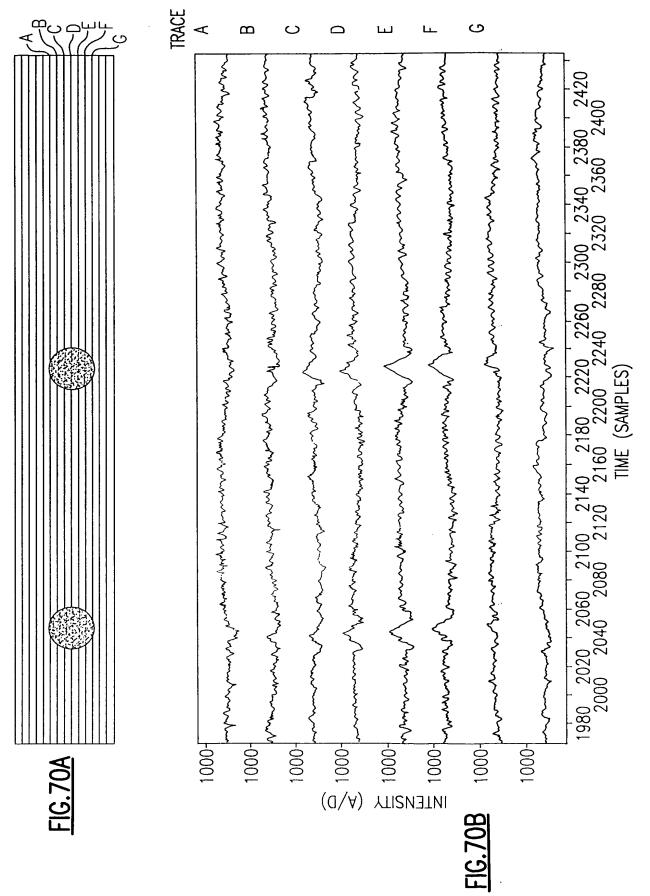




Inventors: Worthington, et al.

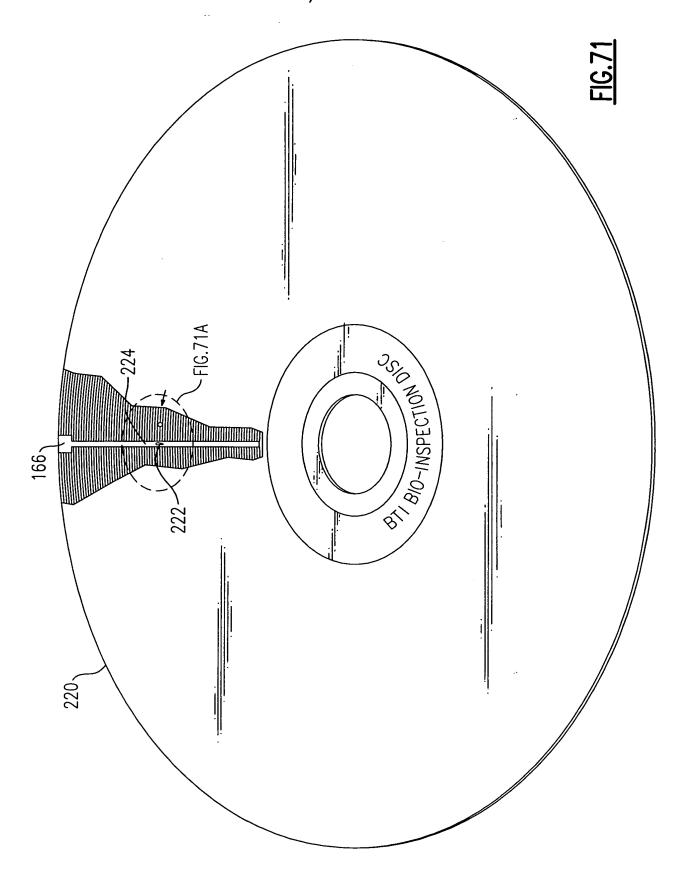
Docket No: BTI2 01102203(USP2)USP5X1











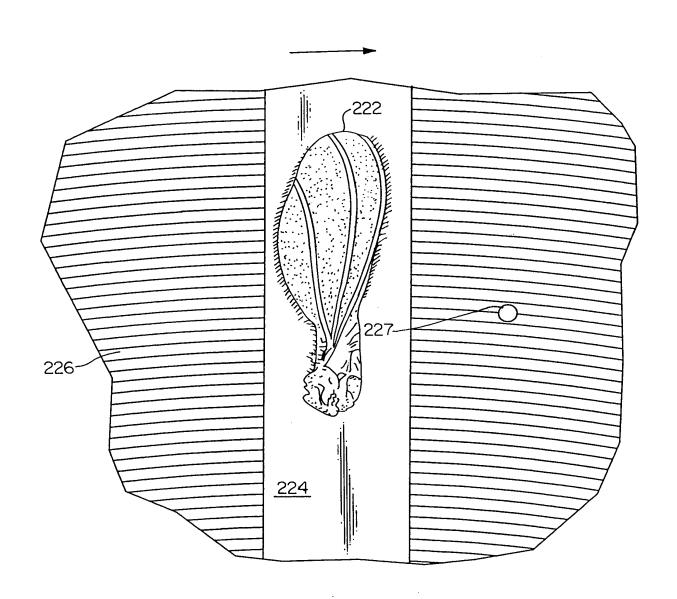
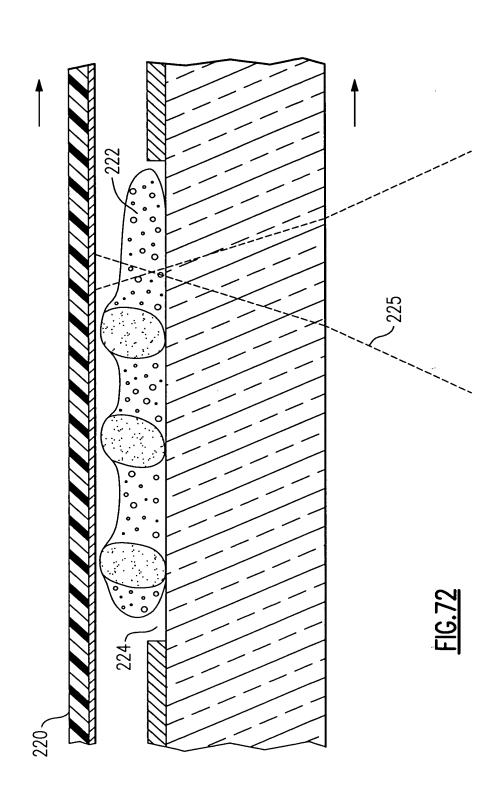
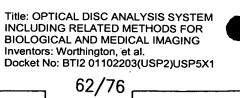


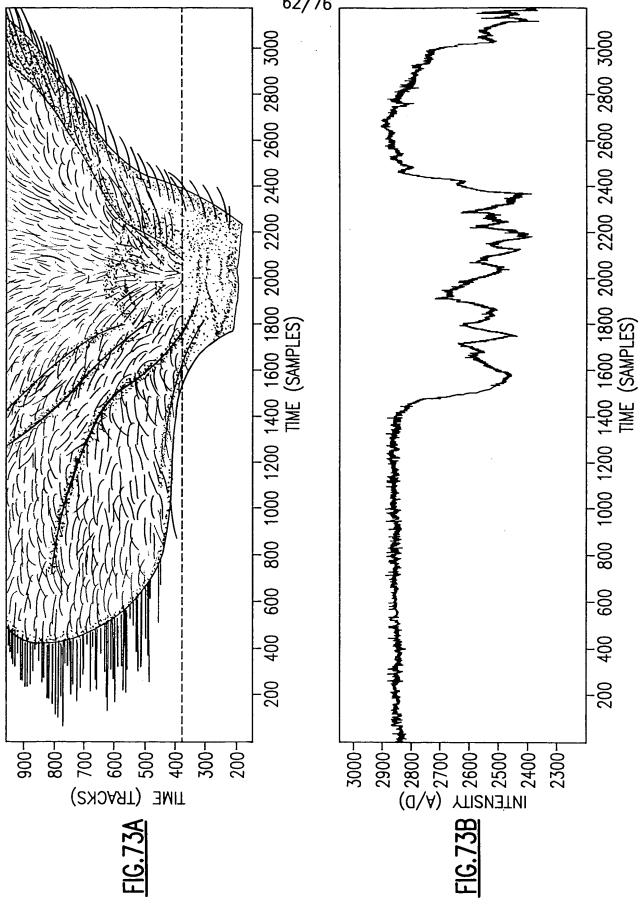
FIG.71A

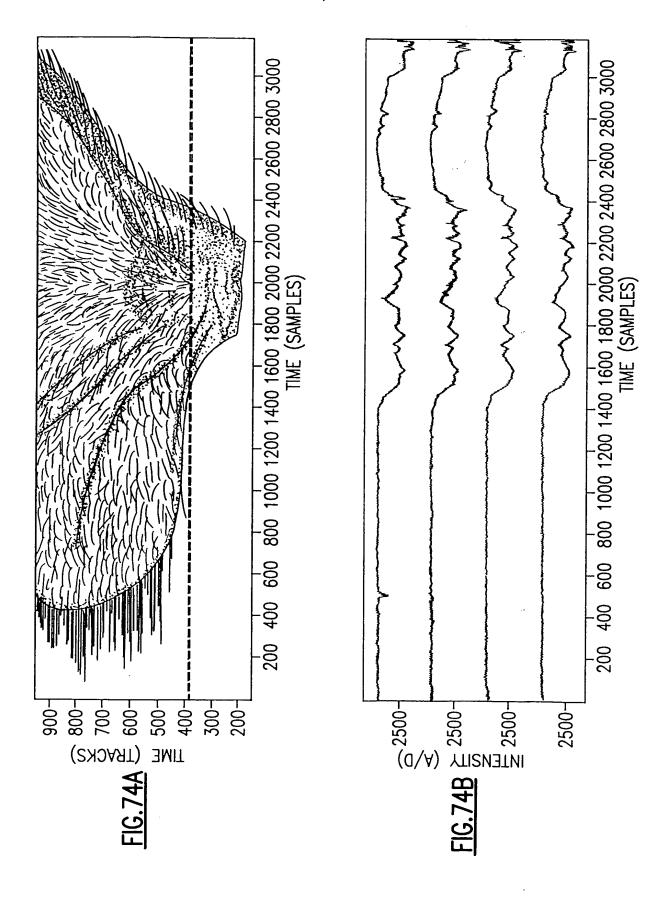


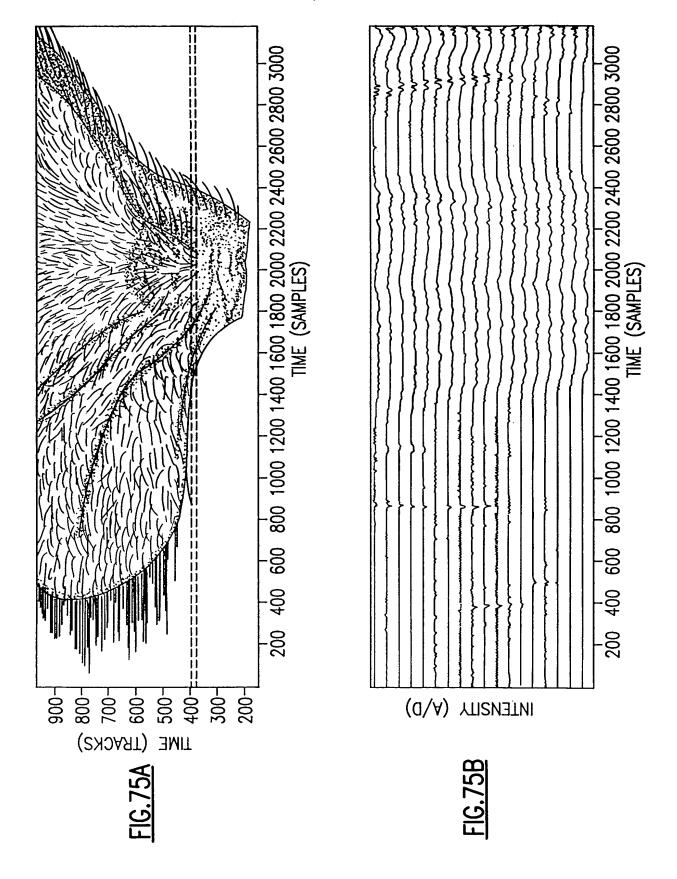




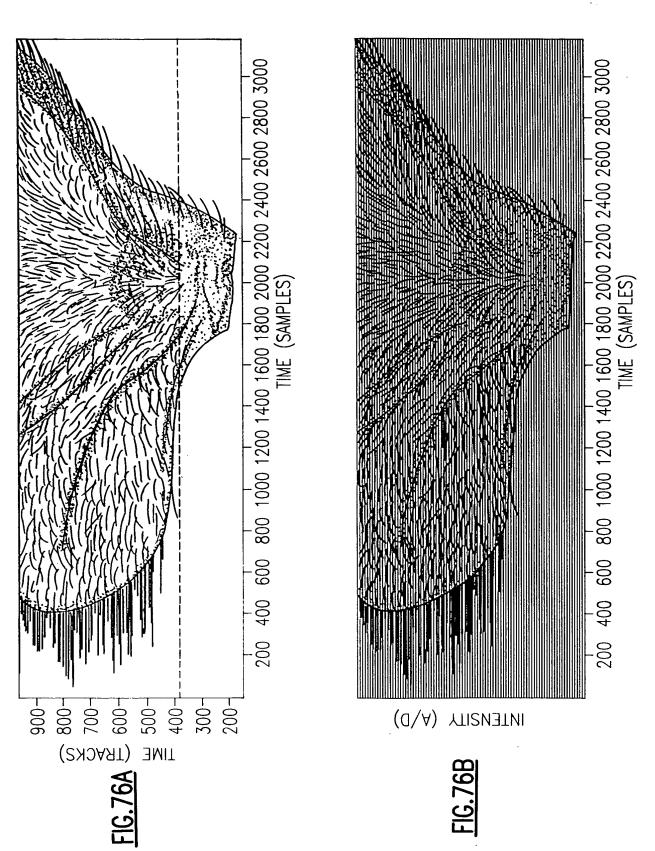


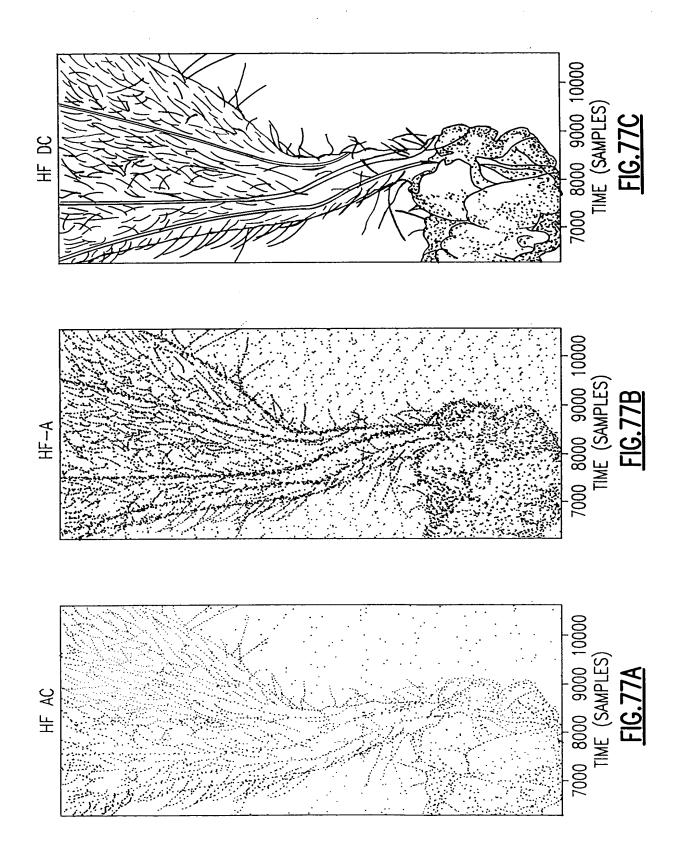








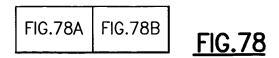




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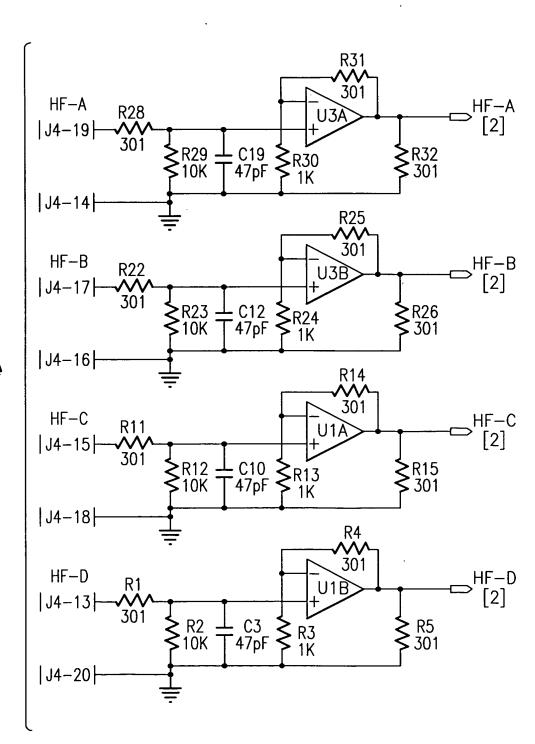
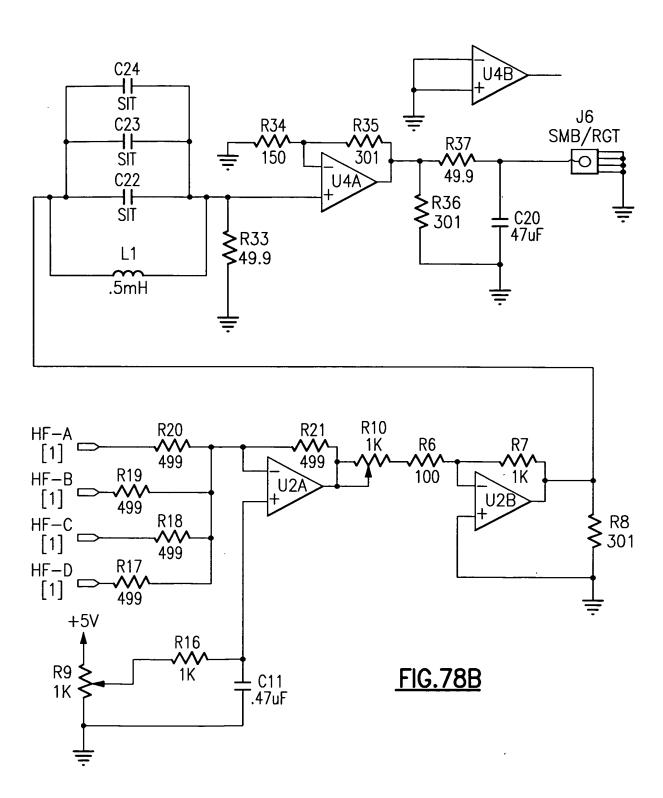


FIG.78A

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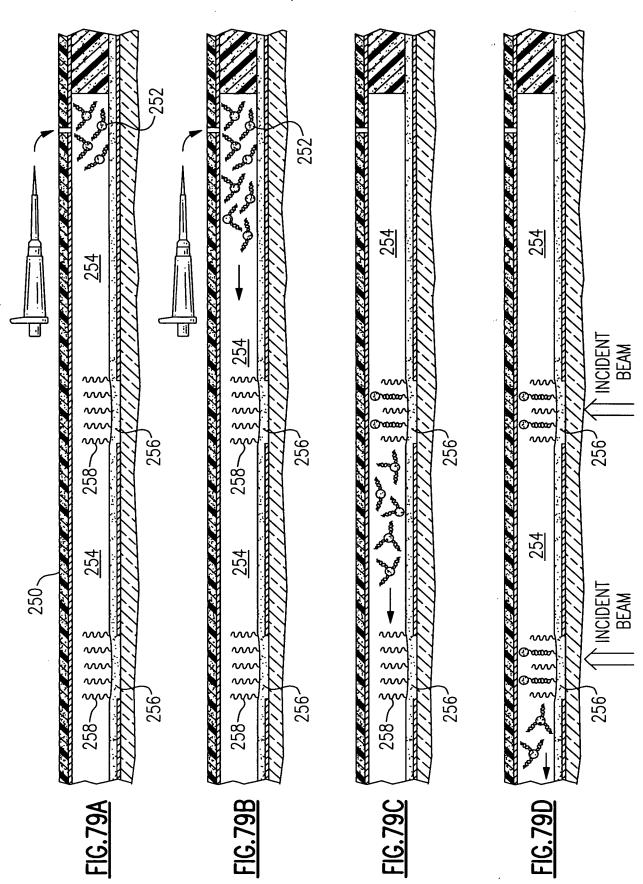
Docket No: BTI2 01102203(USP2)USP5X1



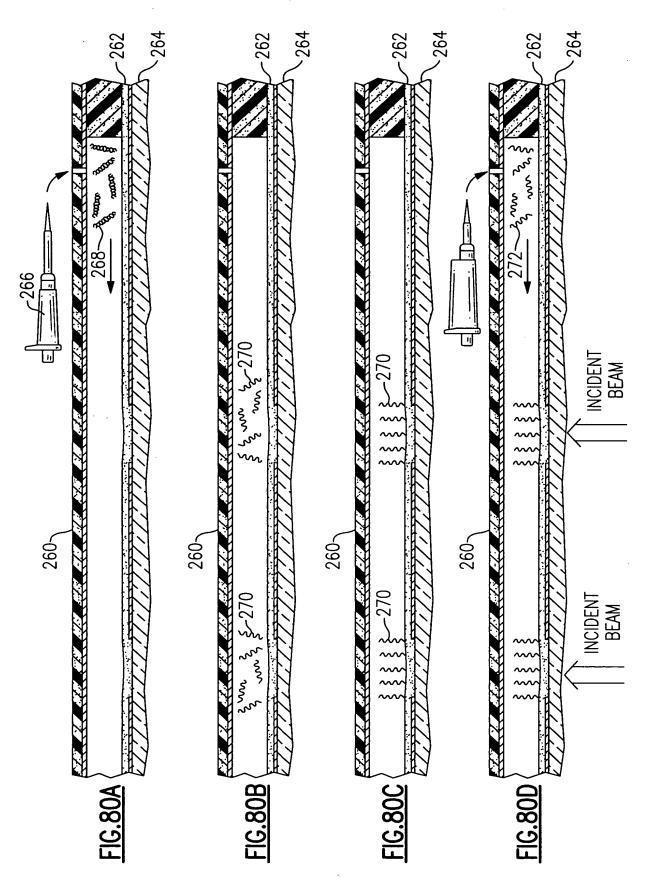


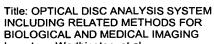
Title: OPTICAL DISC ANALYSIS SYSTEM INCLUDING RELATED METHODS FOR BIOLOGICAL AND MEDICAL IMAGING Inventors: Worthington, et al.

Docket No: BTI2 01102203(USP2)USP5X1









Inventors: Worthington, et al.
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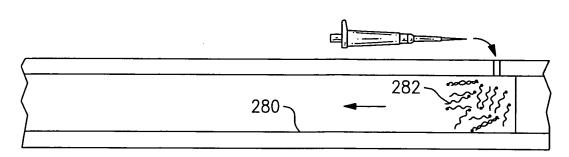


FIG.81A

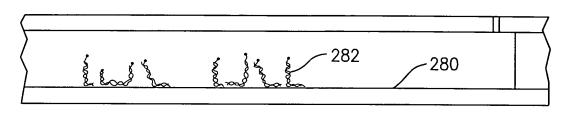
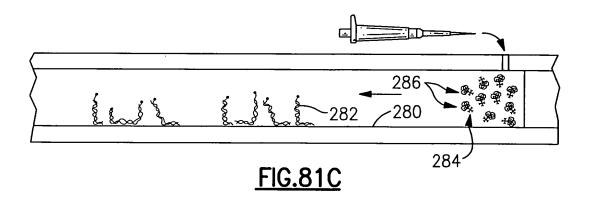


FIG.81B



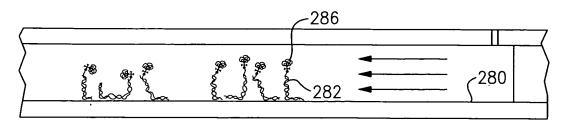
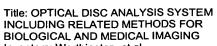


FIG.81D



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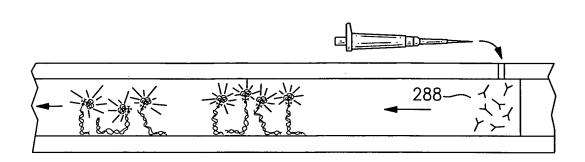


FIG.81E

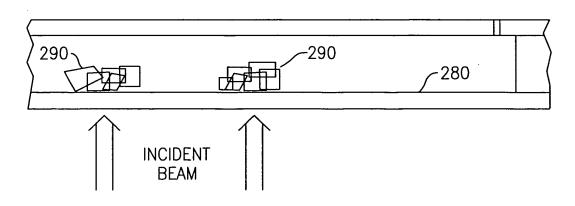


FIG.81F

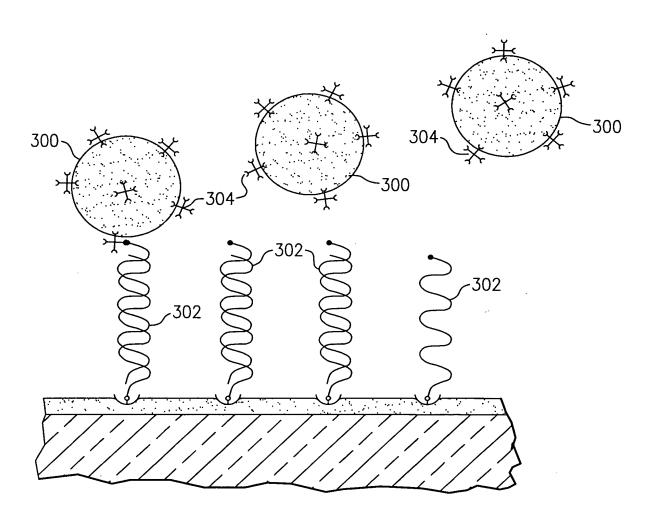


FIG.82

